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TECHNICAL TRANSLATIONS

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TECHNICAL TRANSLATIONS

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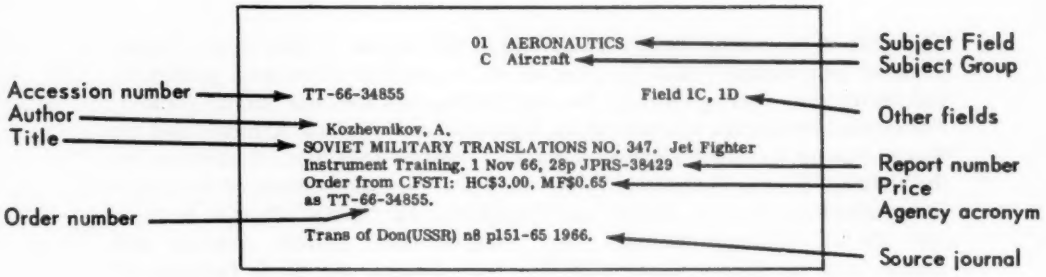

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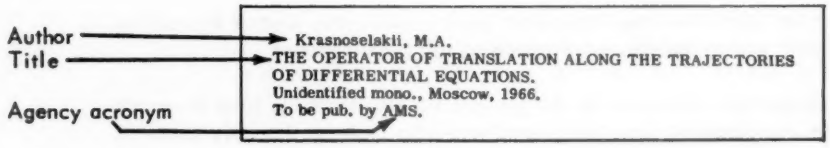

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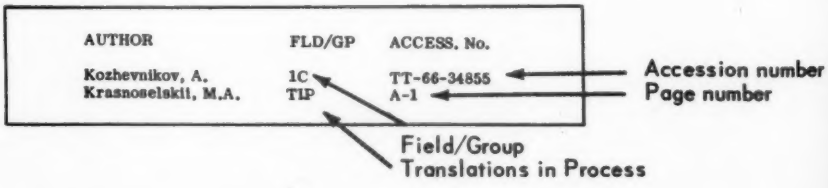

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Includes agricultural chemistry; agricultural economics; agricultural engineering; agronomy and horticulture; animal husbandry; and forestry. See also related field: 06 Biological and Medical Sciences.

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Includes astronomy; astrophysics; and celestial mechanics.

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Includes administration and management; documentation and information technology; economics; history, law and political science; human factors engineering; humanities; linguistics; man-machine relations; personnel selection, training, and evaluation; psychology (individual and group behavior); and sociology. See also related field: 06 Biological and Medical Sciences.

06 BIOLOGICAL AND MEDICAL SCIENCES 12

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16 MISSILE TECHNOLOGY . . . . . No Entries

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19 ORDNANCE 60

Includes ammunition, explosives; bombs; combat vehicles; explosions, ballistics, and armor; fire control and bombing systems; guns; rockets; and underwater ordnance. See also related field: 18 Nuclear Science and Technology.

20 PHYSICS 60

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01 AERONAUTICS

C. Aircraft

TT-67-31574 Field 1C, 13J

USSR TRANSPORTATION: TRANSLATIONS NO. 181. 8 May 67, 26p. JPRS-40932.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31574

02 AGRICULTURE

A. Agricultural chemistry

TT-67-21004 Field 2A, 2D

Sycheva, Z. F.
THE EFFECT OF FERTILIZERS CONTAINING NITROGEN ON THE NITROGEN-PHOSPHORUS METABOLISM AND THE RESISTANCE OF PLANTS TO LOW SOIL TEMPERATURE. 5p.
Order from ETC or SLA: $1.10 as TT-67-21004

Trans. of Agrokhimiya (USSR) v2 n4 p56-9 1965.

TT-67-31645 Field 2A, 5C, 7A, 13F

MONGOLIA: TRANSLATIONS NO. 132. 12 May 67, 35p. JPRS-41003.
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B. Agricultural economics

TT-67-31477 Field 2B, 5D

NEAR EAST: TRANSLATIONS NO. 98. 1 May 67, 95p. JPRS-40834.
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TT-67-31521 Field 2B, 5C, 15E, 13F, 2C

ALBANIA: PRESS INFORMATION REPORT NO. 210. 3 May 67, 48p. JPRS-40879.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31521

TT-67-31564 Field 2B

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 544. 8 May 67, 65p. JPRS-40922.
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TT-67-31567 Field 2B

USSR AGRICULTURE: TRANSLATIONS NO. 201. 8 May 67, 18p. JPRS-40925.
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TT-67-31568 Field 2B, 5C

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EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 545. 6 May 67, 43p. JPRS-40940.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31582

TT-67-61543 Field 2B, 2C

Savenko, Yu.; Samkov, M.
LET US PUT WIND ENERGY TO WORK FOR AGRICULTURE. Tr. by C. C. Nikiforoff. 27 Dec 66, 21p (foreign text included, figs omitted).
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61543

Trans. of Windmills (sic) v4 1965.

C. Agricultural engineering

NCH-207 697 Field 2C, 2A

Dodolina, V. T.
ON THE QUESTION OF THE AMELIORATIVE EFFECT OF LIQUID MANURE ON SOLONETS AND STRONGLY ALKALI-SALINE SOILS. (K Voprosu o Melioriruyushchem Deistvii Navoznoi Zhizhi na Solontsakh i Silno-Solontsevatykh Pochvakh). Oct 66, 9refs. RTS-3498.
Order from NLL: 15s as RTS-3498

Trans. of Moskovskaya Selskokhozyaistvennaya Akademiya. Doklady (USSR) n52 p121-6 1960.

TT-67-20733 Field 2C

Militescu, L.
POTASSIUM MOBILITY IN LIMED ACID SOILS. CSIRO-Trans-8000.
Order from CSIRO as CSIRO-Trans-8000

Trans. of Probleme Agricole (Rumania) v17 n1 p55-66 1965.

TT-67-20738 Field 2C

Kudinov, P.
DEPENDENCE OF THE TRACTIVE PROPERTIES AND EFFICIENCY OF A WHEELED TRACTOR ON THE DEFLECTING MOMENT. CSIRO-Trans-7946.
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Trans. of Traktory i Selkhozmashiny (USSR) v34 n10 p12-3 1964.

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Krutikov, I. A.
THE DEVELOPMENT OF CRITERIA FOR THE ASSESSMENT AND RATIONAL SELECTION OF PARAMETERS OF THRESHING MECHANISMS. NIAE-Trans-185.
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Trans. of Vestnik Selskokhozyaistvennoi Nauki (USSR) v9 n11 p138-44 1964.

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Nakhamkin, G. G.
AUTOMATIC CONTROLLER OF LOADING FOR A COMBINE-HARVESTER. NIAE-Trans-186.
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Trans. of Traktory i Selkhozmashiny (USSR) v30 n12 p19-20 1960.

TT-67-21045 Field 2C

Kravchenko, A. S.
AUTOMATIC GUIDANCE OF A SUGAR BEET HARVESTER ALONG THE ROWS. NIAE-Trans-187.
Order from NIAE: 5s as NIAE-187

Trans. of Traktory i Selkhozmashiny (USSR) v33 n10 p34-5 1963.

TT-67-21046 Field 2C, 13H

Vasilenko, A. A.
INVESTIGATING TOPPING UNITS OF SUGAR BEET HARVESTERS WHICH TOP IN THE ROOT. NIAE-Trans-188.
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Trans. of Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Selskogo Khozyaistva (USSR) v21 n4 p3-7 1963.

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Tatyanko, N. V.
CALCULATING THE TOOLS FOR TOPPING SUGAR BEET. NIAE-Trans-189.
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Trans. of Traktory i Selkhozmashiny (USSR) v32 n11 p18-21 1962.

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TT-67-31497 Field 2C, 2E, 2B

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Krasilnikov, V. E.
ROLLING OF THE WHEEL ON THE DEFORMABLE SURFACE WITH LATERAL PRECESSION. Tr. by C. C. Nikiforoff. 1967, 11p, 5refs.
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Trans. of Traktory i Selkhozmashiny (USSR) n6 p21-3 1966.

TT-67-61658 Field 2C, 5B

Pavlov, E. A.; Gruzden, D. M.
REVIEW AND BIBLIOGRAPHY. Tr. by C. C. Nikiforoff. 1967, 6p.
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Trans. of Traktory i Selkhozmashiny (USSR) n1 p48-9 1966.

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Gubarev, Z. M.; Sudit, M. I.; Shterental, M. I.
CALCULATION OF THE VALUE OF CRUSHING VELOCITY IN PULVERIZATION OF THE FLUID BY AN AIR OR GAS CURRENT. Tr. by C. C. Nikiforoff. 1967, 10p, refs.
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Trans. of Traktory i Selkhozmashiny (USSR) n8 p30-1 1966.

TT-67-61665 Field 2C

Kushilkina, N. V.
ON THE QUALITY OF SEEDLING MADE AT THE SPEED OF AN AGGREGATE OF 9-15 KM PER HOUR. Tr. by C. C. Nikiforoff. 1967, 9p.
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Trans. of Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Selskogo Khozyaistva (USSR) v22 n5 p16-8 1964.

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Ivanov, A. N.
EXAMINATION OF PERFORMANCE OF THE PLOUGH AT RAISED SPEEDS. Tr. by C. C. Nikiforoff. 1967, 11p.
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Nagornov, V. I.
ENERGY INDEXES OF THE PLOW WORKING WITH SPEED GREATER THEN 9 KMS PER HOUR.
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Trans. of Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Selskogo Khozyaistva (USSR) v22 n5 p14-6 1964.

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Dyachenko, G. N.
INVESTIGATION OF ACTIVE WORKING CULTIVATOR SWEEPS. Tr. by William R. Gill. 1967, 5p.
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Trans. of Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Selskogo Khozyaistva (USSR) v24 n3 p8-10 1966.

TT-67-61734 Field 2C, 2D

Vernikov, I. S.
RELATION TO THE DEPTH OF SOIL WORKING TO THE FORWARD SPEED OF MACHINES. Tr. by William R. Gill. 18 Mar 67, 6p, 1ref.
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Trans. of Mekhanizatsiya i Elektrifikatsiya Selskogo Khozaistva (USSR) v15 n1 p9-11 1958.

D. Agronomy and horticulture

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Litvinova, M. K.
SELECTION AND STUDY OF CARROT HYBRIDS (Podbor i Izuchenie Gibridnykh Kombinatsii Morkovi). Oct 66, 9p, 7refs. RTS-3562.
Order from NLL: 15s as RTS-3562

Trans. of Plodoovoshchnyi Institut. Trudy (USSR) n12 p65-71 1961.

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Vanin, L.; Smirnov, A.
RESISTANCE OF BLACK CURRENT VARIETIES TO ANTHRACOSIS AND LEAF SPOT (Ustoichivost Sortov Chernoi Smorodini Protiv Antrakioza i Pyatnistosti). Oct 66, 2p. RTS-3619.
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Trans. of Selskokhozyaistvennoe Proizvodstvo Severnogo Kavkaza i TSCHO (USSR) n10 p40-1 1963.

TT-67-21003 Field 2D, 2B

Drozdov, S. N.
THE RESISTANCE OF POTATOES TO AUTUMN AND SPRING FROSTS AND THE POSSIBLE MEANS OF INCREASING YIELD THROUGH MINERAL FERTILIZERS. 9p.
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Trans. of Akademiya Nauk SSSR. Karelskii Filial, Petrozavodsk. Trudy, v37 p59-66 1954.

TT-67-21022 Field 2D, 2C

Srapenyants, R. A.
ON THE RADIOMETRIC SEPARATION OF POTATO TUBERS FROM ADMIXTURES. NIAE-Trans-154.
Order from NIAE: 3s 6d as NIAE-154

Trans. of Traktory i Selkhozmashiny (USSR) v34 n3 p19-21 1964.

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Ptitsyn, S. D.
CHANGE IN SEED PROPERTIES AS A RESULT OF IMPACT LOADING. NIAE-Trans-157.
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Trans. of Vestnik Selskokhozyaistvennoi Nauki (USSR) v8 n8 p101-4 1963.

TT-67-31637 Field 2D, 2B, 2E

Gawlowski, K.; Szczepaniak, S.
EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES NO. 546. 11 May 67, 26p. JPRS-40995.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31637

Trans. of Nowe Rolnictwo (Poland) v16 n5 p1-4, 10-2 1967.

E. Animal husbandry

NCH-208 083 Field 2E

Fomenko, A. G.
EMPLOYMENT OF FB-1 AND FB-2 PREPARATIONS (Primenenie Preparatov FB-1 and i FB-2). Dec 66, 4p. RTS-3730.
Order from NLL: 5s as RTS-3730

Trans. of Veterinariya (USSR) v28 n2 p46-7 1951.

NCH-208 473 Field 2E

Kondyrev, V. E.
SUBSTITUTES FOR WHOLE MILK IN THE REARING OF CALVES. Dec 66, 85p, refs. RTS-3641.
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Trans. of mono. Zameniteli Tselbnogo Moloka pri Vyirashchivanii Telyat, Moscow, 1964.

NCH-208 682 Field 2E

Tapernoux, A.; Magat, A.
OBSERVATIONS ON THE USE OF ETROLENE FOR THE INTERNAL TREATMENT OF BOVINE HYPODERMOSIS. 14 Apr 67, 10p. IICH-9145.
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Trans. of Revue de Medecine Veterinaire (France) Aug/Sep 1961.

TT-67-20719 Field 2E, 11E

Gurau, L.
STUDY OF FOLLICLE GROUPS IN SHEEP WITH FINE, SEMI-FINE AND THICK WOOL FROM THE POINT OF VIEW OF THE QUALITY OF THE WOOL.
CSIRO-Trans-7903.

Order from CSIRO as CSIRO-Trans-7903

Trans. of Institutul de Cercetari Zootehnice, Bucharest. Lucrarile Stiintifice (Rumania) v19 p289-97 1961.

TT-67-31471 Field 2E, 6H, 5C, 5I

NORTH VIETNAM: TRANSLATIONS NO. 157. 1 May 67, 32p. JPRS-40828.
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ACHIEVEMENTS AND PROBLEMS OF THE ZOOTECHNICAL RESEARCH INSTITUTE SINCE ITS FOUNDING 40 YEARS AGO. 10 May 67, 11p. JPRS-40972.
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Trans. from Agricultura Socialista (Rumania) n11 p5 1967.

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Gerber, H.; Buerki, F.; Loehrer, J.; Paccaud, M. F.
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Trans. of Zentralblatt fuer Veterinaermedizin. Reihe B (West Germany) v13 n5 p427-37 1965.

F. Forestry

TT-67-51330 Field 2F, 6C

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03 ASTRONOMY AND ASTROPHYSICS

A. Astronomy

TT-67-31587 Field 3A, 3B, 5D

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TT-67-31638 Field 3A, 8F

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31638

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B. Astrophysics

TT-67-61606 Field 3B

Becker, U.
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TT-67-61726 Field 3C

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04 ATMOSPHERIC SCIENCES

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 762

05 BEHAVIORAL AND SOCIAL SCIENCES

A. Administration and management

TT-67-31435 Field 5A

NEW HUNGARIAN DOCTORS AND CONDIDATES OF SCIENCES APPOINTED OCTOBER 1966. 27 Apr 67, 5p. JPRS-40792.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31435

TT-67-31445 Field 5A, 5I

Budo, A.
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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31445

Trans. of Kemyai Kuzlemenyek (Hungary) n4 p441-4 1966 and Magyar Tudomanyos Akademia Matematikai es Fizikai Tudomanyok Osztalyanak Sozlemenyei (Hungary) v16 n4 p401-11 1966.

TT-67-31479 Field 5A

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TT-67-31508 Field 5A, 5I, 2D, 2E

USSR LABOR: TRANSLATIONS NO. 177. 2 May 67, 39p. JPRS-40866.
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TT-67-31566 Field 5A, 5D

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31566

TT-67-31571 Field 5A

AWARDING OF THE LENIN PRIZES IN THE FIELD OF SCIENCE AND TECHNOLOGY IN 1967. 8 May 67, 10p. JPRS-40929.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31571

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TT-67-31643 Field 5A

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31643

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B. Documentation and information technology

TT-67-31409 Field 5B

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TT-67-31481 Field 5B, 5F, 5E

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TT-67-31513 Field 5B

Arutyunov, N.
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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31513

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TT-67-31572 Field 5B, 5D, 5C, 5F

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31572

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TT-67-61783 Field 5B

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THE PRESS AND JOURNALS IN COMMUNIST CHINA. Jun 66, 126p, refs. C/66-9; AFOSR-56-0965; AD-651 553.
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C. Economics

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TT-67-31420 Field 5C

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Order from CFSTI or ETC: HC$3.00, MF$0.65
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TT-67-31428 Field 5C

Sokolov, A.; Rybakov, O.
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TT-67-31456 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 333. 1 May 67, 24p. JPRS-40813.
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TT-67-31458 Field 5C, 5A

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Order from CFSTI or ETC: HC$3.00, MF$0.65
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TT-67-31460 Field 5C, 5I

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Order from CFSTI or ETC: HC$3.00, MF$0.65
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TT-67-31482 Field 5C, 5D

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as TT-67-31482

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TT-67-31494 Field 5C, 5B, 12A

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For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-31499 Field 5C, 5D

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Order from CFSTI or ETC: HC$3.00, MF$0.65
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TT-67-31503 Field 5C, 5A

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 334. 2 May 67, 27p. JPRS-40860.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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TT-67-31506 Field 5C, 5I, 2B, 5K

ALBANIA: PRESS INFORMATION REPORT NO. 209. 2 May 67, 21p. JPRS-40864.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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TT-67-31509 Field 5C, 5F, 5D

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TT-67-31515 Field 5C, 5A, 5D, 5I

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Order from CFSTI or ETC: HC$3.00, MF$0.65
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TT-67-31522 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 110. 3 May 67, 56p. JPRS-40880.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31522

TT-67-31529 Field 5C, 5D

CUBA: TRANSLATIONS NO. 579. 3 May 67, 41p. JPRS-40887.
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as TT-67-31529

TT-67-31536 Field 5C, 5D, 5I

AFRICA: TRANSLATIONS NO. 554. 4 May 67, 52p. JPRS-40894.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31536

TT-67-31538 Field 5C, 5D, 5I

AFRICA: TRANSLATIONS NO. 555. 4 May 67, 45p. JPRS-40896.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31538

TT-67-31545 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 335. 4 May 67, 30p. JPRS-40903.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31545

TT-67-31548 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 111. 5 May 67, 56p. JPRS-40906.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31548

TT-67-31559 Field 5C, 5B, 12A, 7E

COMMUNIST CHINA: SCIENCE AND TECHNOLOGY TRANSLATIONS NO. 377. 5 May 67, 74p. JPRS-40917.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31559

TT-67-31561 Field 5C, 8F

ECONOMIC AND GEOGRAPHIC TRANSLATIONS ON LATIN AMERICA NO. 74. 5 May 67, 66p. JPRS-40919.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31561

TT-67-31562 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 689. 5 May 67, 37p. JPRS-40920.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31562

TT-67-31578 Field 5C, 5I, 2B

ALBANIA: PRESS INFORMATION REPORT NO. 211. 8 May 67, 23p. JPRS-40936.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31578

TT-67-31579 Field 5C, 5A

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EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 336. 8 May 67, 15p. JPRS-40937.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31579

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TT-67-31590 Field 5C, 5D

NORTH VIETNAM: TRANSLATIONS NO. 161. 9 May 67, 31p. JPRS-40948.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31590

TT-67-31593 Field 5C, 5K, 2B, 5D

AFRICA: TRANSLATIONS NO. 559. 9 May 67, 28p. JPRS-40951.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31593

TT-67-31603 Field 5C, 5I

USSR INTERNATIONAL ECONOMIC RELATIONS NO. 92. 9 May 67, 22p. JPRS-40961.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31603

TT-67-31612 Field 5C, 5D

AFRICA: TRANSLATIONS NO. 560. 10 May 67, 38p. JPRS-40970.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31612

TT-67-31623 Field 5C, 13H

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 112. 11 May 67, 58p. JPRS-40981.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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TT-67-31656 Field 5C, 13I

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 113. 15 May 67, 43p. JPRS-41014.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31656

TT-67-31670 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 114. 15 May 67, 32p. JPRS-41028.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31670

TT-67-61732 Field 5C, 13C, 2C

Ritov, M. N.
THE ECONOMY OF SELF-PROPELLED SCRAPERS. Tr. by William R. Gill. 17 Apr 67, 8p.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61732

Trans. of Stroitelnye i Dorozhnye Mashiny (USSR) v5 n1 p25-6 1960.

D. History, law and political science

TT-65-31613 Field 5D, 5C, 15C

CUBA: TRANSLATIONS NO. 580. 10 May 67, 23p. JPRS-40971.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31613

TT-67-31407 Field 5D, 2B, 5C

AFRICA: TRANSLATIONS NO. 548. 25 Apr 67, 20p. JPRS-40764.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31407

TT-67-31410 Field 5D

Mirskii, G. I.
SOVIET VIEW OF ARAB NATIONALISM. 25 Apr 67, 109p. JPRS-40767.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31410

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Arab Nations Continue Their Struggle.

TT-67-31413 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 262. 25 Apr 67, 16p. JPRS-40770.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31413

TT-67-31418 Field 5D, 5C

LA STAMPA AND LA STAMPA SERA (10-16 Apr 67): INDEX NO. 363. 26 Apr 67, 11p. JPRS-40775.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31418

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TT-67-31424 Field 5D, 5C, 5I, 5K

LE MONDE (1-28 FEB 67): INDEX NO. 82. 27 Apr 67, 36p. JPRS-40781.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31424

Index to the contents of le Monde (France) 1-28 Feb 1967.

TT-67-31425 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 968. 27 Apr 67, 44p. JPRS-40782.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31425

TT-67-31440 Field 5D, 5C

NORTH VIETNAM: TRANSLATIONS NO. 155. 28 Apr 67, 21p. JPRS-40797.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31440

TT-67-31442 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENT: TRANSLATIONS NO. 969. 28 Apr 67, 61p. JPRS-40799.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31442

TT-67-31462 Field 5D, 5C, 2B

CUBA: TRANSLATIONS NO. 578. 1 May 67, 38p. JPRS-40819.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31462

TT-67-31470 Field 5D

RED FLAG, NO. 5, 1967: TRANSLATIONS NO. 52. 1 May 67, 34p. JPRS-40827.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31470

Trans. of Hung Ch'i (Chinese People's Republic) n5 p26-30, 34-8, 58-65 1967.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-31472 Field 5D

NEAR EAST: TRANSLATIONS NO. 96. Positive Historical Viewpoint and Nationalist Ideology in Present Day Arab Historical Science. 1 May 67, 20p. JPRS-40829.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31472

TT-67-31476 Field 5D, 5C, 5K

NEAR EAST: TRANSLATIONS NO. 96. 1 May 67, 29p. JPRS-40833.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31476

TT-67-31484 Field 5D, 5C, 5K

NEAR EAST: TRANSLATIONS NO. 99. 1 May 67, 65p. JPRS-40841.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31484

TT-67-31500 Field 5D, 5C, 5K

NORTH VIETNAM: TRANSLATION NO. 158. 2 May 67, 32p. JPRS-40857.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31500

TT-67-31519 Field 5D, 5C, 5K

NORTH VIETNAM: TRANSLATIONS NO. 159. 3 May 67, 48p. JPRS-40877.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31519

TT-67-31520 Field 5D

LA STAMPA AND LA STAMPA SERA (27-23 APR 67): INDEX NO. 364. 3 May 67, 10p. JPRS-40878.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31520

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TT-67-31533 Field 5D, 5K

Harmel, C.
SOCIAL COMPOSITION OF THE FRENCH COMMUNIST PARTY AND ITS EVOLUTION FROM 1959 TO 1966. 4 May 67, 21p. JPRS-40891.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31533

Trans. of Est et Ouest (France) v19 n378 p4-12 1967.

TT-67-31537 Field 5D, 5C, 5K

IRAN: PRESS INFORMATION REPORT NO. 21. 4 May 67, 66p. JPRS-40895.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31537

TT-67-31539 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 970. 4 May 67, 49p. JPRS-40897.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31539

TT-67-31541 Field 5D

NEAR EAST: TRANSLATIONS NO. 100. 4 May 67, 23p. JPRS-40899.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31541

TT-67-31544 Field 5D

Shmygov, G.
CPSU CONGRESS (NO. 23): ON STRENGTHENING THE STRUGGLE AGAINST IMPERIALIST IDEOLOGICAL DIVERSIONS. 4 May 67, 13p, 8refs. JPRS-40902.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31544

Trans. of Kommunist Belorussi (USSR) n2 p46-57 1967.

TT-67-31547 Field 5D, 15C, 5C

AFRICA: TRANSLATIONS NO. 556. 4 May 67, 37p. JPRS-40905.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31547

TT-67-31563 Field 5D, 5J, 5I

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 267. "The World Socialist System" -- Materials for Propagandists in Primary Political Education Schools. 8 May 67, 13p, 3refs. JPRS-40921.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31563

TT-67-31573 Field 5D, 15-

SOVIET MILITARY TRANSLATIONS NO. 380. Twenty-Fifth Anniversary of the Battle of Moscow. 8 May 67, 7p. JPRS-40931.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31573

TT-67-31581 Field 5D

Arabadzhiev, V.
POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 268. Problems of Party Work Under Conditions of the New System of Management of the Bulgarian National Economy. 8 May 67, 23p. JPRS-40939.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31581

Trans. of Partien Zhivot (Bulgaria) v11 n4 p45-56 1967.

TT-67-31591 Field 5D, 5K

AFRICA: TRANSLATIONS NO. 558. Report on Congo (Kinshasha) CVR From Inception to the Present. 9 May 67, 25p. JPRS-40949.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31591

TT-67-31594 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 971. 9 May 67, 47p. JPRS-40952.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31594

TT-67-31595 Field 5D, 5C, 5K

NORTH VIETNAM: TRANSLATIONS NO. 162. 9 May 67, 19p. JPRS-40953.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31595

TT-67-31605 Field 5D, 5C

LA STAMPA AND LA STAMPA SERA (24-30 APR 67): INDEX NO. 365. 9 May 67, 9p. JPRS-40963.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31605

Index to contents of la Stampa (Italy) 24-30 Apr 1967 and la Stampa Sera (Italy) 24 Apr 1967.

TT-67-31616 Field 5D

COMMUNIST CHINA: POLITICAL AND SOCIOLOGICAL: TRANSLATIONS NO. 394. Information from the Red Guard Press. 10 May 67, 55p. JPRS-40974.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31616

TT-67-31625 Field 5D, 5K, 5C, 5J

AFRICA: TRANSLATIONS NO. 561. 11 May 67, 123p. JPRS-40983.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31625

TT-67-31629 Field 5D, 5C

NEAR EAST: TRANSLATIONS NO. 103. 11 May 67, 48p. JPRS-40987.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31629

TT-67-31640 Field 5D, 5C, 5K

NORTH VIETNAM: TRANSLATIONS NO. 165. 12 May 67, 42p. JPRS-40998.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31640

TT-67-31641 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 269. 12 May 67, 21p. JPRS-40999.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31641

TT-67-31648 Field 5D, 5C, 5K

AFRICA: TRANSLATIONS NO. 563. 12 May 67, 33p. JPRS-41006.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31648

TT-67-31651 Field 5D, 5C, 5K

NORTH VIETNAM: TRANSLATIONS NO. 166. 15 May 67, 21p. JPRS-41009.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31651

TT-67-31652 Field 5D, 5C, 5K, 1C

NEAR EAST: TRANSLATIONS NO. 104. 15 May 67, 65p. JPRS-41010.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31652

TT-67-31657 Field 5D, 5C, 5I

COMMUNIST, NO. 5, 1967. 15 May 67, 106p. JPRS-41015.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31657

Trans. of Kommunist, Moscow (USSR) n5 p3-13, 25-46, 58-71, 75-97, 107-22 1967.

TT-67-31666 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 972. 15 May 67, 49p. JPRS-41024.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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TT-67-31668 Field 5D, 2-

NEAR EAST: TRANSLATIONS NO. 105. Amending Laws to the UAR Agrarian Reform Law. 15 May 67, 48p. JPRS-41026.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31668

TT-67-61250 Field 5D, 5C, 5F

Novy, L.
THE HISTORY OF SCIENCE AND OF TECHNICAL SKILL IN CZECHOSLOVAKIA. Tr. by Z. Knowles. 1967, 22p, refs. NIH-2-15-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61250

Trans. of Acta Historica Rerum Naturalium Necnon Technicarum (Czechoslovakia) Sp n1 p171-92 1965.

TT-67-61251 Field 5D, 5B, 5C

Vetter, Q.
DEVELOPMENT OF SCIENCES ON THE TERRITORY OF THE CZECHOSLOVAK REPUBLIC. Tr. by J. Chapin. 1967, 24p. NIH-2-16-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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Trans. of International Committee of Historical Science. Bulletin, v5 n18/21 p333-52 1933.

F. Humanities

TT-67-61613 Field 5F, 5D

Santa-Pinter, J. J.
THE LASCARIS-COMMENI AND THE IMPERIAL SUPREME ORDER OF CONSTANTINE THE GREAT. Tr. by W. H. Everhady. 27 Mar 67, 22p, refs. NIH-3-27-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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Trans. of Horizontes (Puerto Rico) v8 n16 p63-70 1965.

I. Personnel selection, training and evaluation

TT-67-31437 Field 5I, 5D

AFRICA: TRANSLATIONS NO. 551. 27 Apr 67, 26p. JPRS-40794.

Order from CFSTI or ETC: HC$3.00, MF$0.65
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TT-67-31453 Field 5I, 8I, 8N

Oleinikov, I. A.; Vinogradov, V. S.; Chemonin, A.
USSR INDUSTRIAL DEVELOPMENT: METALLURGY AND MINERALS NO. 47. 1 May 67, 19p.
JPRS-40810.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31453

Trans. of Gornyi Zhurnal (USSR) n3 p3-8 1967 and from Izvestiya (USSR) 1 Apr p3 1967.

TT-67-31523 Field 5I, 5C, 5D

USSR LABOR: TRANSLATIONS NO. 178.
3 May 67, 22p. JPRS-40881.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31523

TT-67-31592 Field 5I, 5D

NORTH KOREA: TRANSLATIONS NO. 42. Biographical Data on 492 Prominent North Koreans.
9 May 67, 55p. JPRS-40950.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31592

TT-67-31599 Field 5I

Arshavskii, N.
A COMPLEX CLASSROOM WITH PROGRAMMED INSTRUCTION. 9 May 67, 8p. JPRS-40957.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31599

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TT-67-31658 Field 5I

USSR LABOR: TRANSLATIONS NO. 179. 15 May 67, 50p. JPRS-41016.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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TT-67-31661 Field 5I

USSR LABOR: TRANSLATIONS NO. 180. 15 May 67, 19p. JPRS-41019.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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TT-67-61762 Field 5I, 5J, 1C, 15C

Brisson, A. de; Bremond, J.
MILITARY PILOTING AND EXPERIMENTAL PSYCHOLOGY (PT. III AND CONCLUSION) (Pilotage Militaire et Psychologie Experimentale (Suite et Fin)). 1967, 13p.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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Trans. of Forces Aeriennes Francaises, v20 n224 p421-37 1966.

TT-67-61763 Field 5I, 5J, 1C, 15C

Brisson, A. de; Bremond, J.
MILITARY PILOTING AND EXPERIMENTAL PSYCHOLOGY, PT. II (Pilotage Militaire et Psychologie Experimentale). 1967, 15p.
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Trans. of Forces Aeriennes Francaises, v20 n223 p299-318 1966.

TT-67-61785 Field 5I, 5K

Durham, F. G.
THE USE OF FREE TIME BY YOUNG PEOPLE IN SOVIET SOCIETY. Jan 66, 91p, refs.
C/66-3; AFOSR-67-0964; AD-651 555.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-651 555

Contract AF 49(638)-1237.

J. Psychology (Individual and group behavior)

TT-67-31580 Field 5J, 5I, 5A, 5B

ORGANIZATION, ACTIVITIES AND PERSONNEL OF EAST EUROPEAN ACADEMIES OF SCIENCES NO. 5.
8 May 67, 28p. JPRS-40938.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31580

TT-67-31597 Field 5J

Repetskii, L.
A REPORT ON PARAPSYCHOLOGY. 9 May 67, 6p.
JPRS-40955.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31597

Trans. from Leninskoe Znamya (USSR) 2 Apr p4 1967.

TT-67-61788 Field 5J, 5D

Liu, A. P. L.
THE USE OF TRADITIONAL MEDIA FOR MODERNIZATION IN COMMUNIST CHINA. Oct 65, 102p, refs.
C/65-24; AFOSR-67-0961; AD-651 558.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-651 558

Contract AF 49(638)-1237

K. Sociology

TT-67-31405 Field 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 432. 25 Apr 67, 28p. JPRS-40762.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31405

TT-67-31422 Field 5K

AFRICA: TRANSLATIONS NO. 550. Clan and Family Relationships in Rwanda. 27 Apr 67, 64p.

JPRS-40779.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31422

TT-67-31455 Field 5K

SOCIOLOGICAL TRANSLATIONS OF EASTERN EUROPE NO. 433. 1 May 67, 25p. JPRS-40812.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31455

TT-67-31491 Field 5K, 5D

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 434. Present and Long-Range Trends in the Work of Organs Administering Justice. 2 May 67, 17p. JPRS-40848.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31491

TT-67-31528 Field 5K, 5I, 5J

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 435. 3 May 67, 26p. JPRS-40886.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31528

TT-67-31534 Field 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 436. 4 May 67, 57p. JPRS-40892.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31534

TT-67-31620 Field 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 437. 11 May 67, 31p. JPRS-40978.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31620

TT-67-61653 Field 5K, 6C

Westergaard, H.
ON MORTALITY AND MORBIDITY ANTHROPOLOGICAL-STATISTICAL INVESTIGATION. 1967, 78p.
NIH-4-19-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61653

Trans. of mono. die Lehre von der Mortalitaet und Morbilitaet, Jena, 1882 p119ff.

TT-67-61803 Field 5K

Weinberg, E. A.
SOVIET SOCIOLOGY: 1960-1963. 1 Oct 64, 115p, refs. C/64-30; AFOSR-67-0958; AD-651 617.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-651 617

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06 BIOLOGICAL AND MEDICAL SCIENCES

TT-67-31555 Field 6-

EAST EUROPEAN SCIENTIFIC ABSTRACTS: BIOMEDICAL SCIENCES NO. 69. 5 May 67, 81p.
JPRS-40913.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31555

A. Biochemistry

NCH-207 886 Field 6A

Gubar, G. D.
PHOTOSYNTHESIS AS A FACTOR DETERMINING THE EFFECTIVENESS OF MINERAL NUTRITION.
5 Dec 66, 34p. TC-3080.
Order from TC: $23.00 as TC-3080

Trans. of Fotosintez i Produktivnost Rast. (sic) p17-44 1965.

NCH-208 066 Field 6A, 6P, 5J

Andriasov, A. N.
ON METHODS OF STUDYING CORTICAL FUNCTIONING UNDER DIFFERENT FEEDING CONDITIONS (O Metodike Izuchenii Izucheniya Korkovoi Deyatelnosti pri Razlichnykh Usloviyakh Pitaniya). Oct 66, 1p. RTS-3633.
Order from NLL: 2s 6d as RTS-3633

Trans. of Tezisy i Dokl. na Nauch. Sessii Inst. Pit. (sic) v30 n2 p8-9 1954.

NCH-208 067 Field 6A, 6P, 5J

Makarychev, A. I.
THE DYNAMICS OF CORTICAL ACTIVITY WHEN NUTRITION VARIES IN QUALITY (Dinamika Korkovoi Deyatelnosti pri Kachestvenno Razlichnom Pitanii). Oct 66, 2p. RTS-3632.
Order from NLL: 5s as RTS-3632

Trans. of Tez. Doklad. Nauch. Sess. Inst. Pitan. Mosk. (sic) v10 p47-8 1956.

NCH-208 073 Field 6A

Tsvetkova, I. V.
METABOLISM OF NEURAMINIC ACID IN ANIMALS (Obmen Neiraminovoi Kisloty v Organizma Jivotnykh). Oct 66, 20p, 35refs. RTS-3520.
Order from NLL: 25s as RTS-3520

Trans. of Voprosy Meditsinskoi Khimii (USSR) v9 n2 p115-24 1963.

NCH-208 241 Field 6A

Kukushkina, G. V.; Gorbacheva, L. B.; Emanuel, N. N.
THE EFFECT OF PHENOLIC COMPOUNDS ON THE BIOSYNTHESIS OF PROTEIN AND NUCLEIC ACIDS IN HUMAN LARYNGEAL HEp-2 CANCER CELLS (Vliyanie Fenolnykh Soedinenii na Biosintez Belka i Nukleinovykh Kislot v kletkakh Raka Gortani Cheloveka HEp-2). Jan 67, 4p. RTS-3814.
Order from NLL: 5s as RTS-3814

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NCH-208 570 Field 6A

Muller, A.
OXYGEN TRANSPORT THROUGH THIN LAYERS OF WATER AND HEMOGLOBIN SOLUTIONS.
17 Jun 67, 26p. TC-3469.

Order from TC: $17.00 as TC-3469

Trans. of Helvetica Physiologica et Pharmacologica Acta (Switzerland) v6 p21-41 1948.

NCH-208 580 Field 6A

Kessler, W.; Iselin, B.
SELECTIVE SPLITTING OF SUBSTITUTED PHENYL SULFENYL PROTECTIVE GROUPS IN PEPTIDE SYNTHESES. 17 Mar 67, 19p. TC-3559.
Order from TC: $16.00 as TC-3559

Trans. of Helvetica Chimica Acta (Switzerland) v49 p1330-44 1966.

TT-67-20726 Field 6A

Chirgadze, Yu.
CONVENIENT METHOD FOR ANALYZING DICHROISM IN SPIRAL POLYPEPTIDES. CSIRO-Trans-7623.
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For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

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MECHANISM OF THE ACTION OF COLLAGENASES AND ITS CONTROL. CSIRO-Trans-7875.
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TT-67-61608 Field 6A

Jensen, K. G.; Sorensen, S. S.
SURVIVAL TIME OF DONOR ERYTHROCYTES OF A_3 TYPE IN AN O RECIPIENT. 4 Apr 67, 5p, 12refs. NIH-4-12-67.
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Trans. of Ugeskrift for Laeger (Denmark) v127 n38 p1204-5 1965.

TT-67-61611 Field 6A, 6M

Limasset, P.; Truffaut, L.
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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61611

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Satoh, T.
ELECTRONMICROSCOPIC STUDIES OF THE ARTICULAR CARTILAGE (WITH SPECIAL REFERENCE TO STUDIES OF THE DEGENERATIVE PROCESSES). 1967, 33p (figs omitted) refs. NIH-4-16-67.
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TT-67-61712 Field 6A, 6C

Lyapunova, E. A.; Petrikevich, S. B.; Zelenin, A. V.
THE VITALITY OF FLUORESCENCE MICROSCOPIC INVESTIGATIONS CARRIED OUT THE THE HELP OF THE FLUOROCHROMES OF ACRIDINE ORANGE AND 3,4 BENZPYRENE. Tr. by Charles T. Ostertag, Jr. 1967, 11p, 13refs. ABL-Trans-1937; AD-651 178.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 178

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TT-67-61730 Field 6A

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MORPHOLOGICAL AND CYTOCHEMICAL NATURE OF RED ACRIDINE ORANGE GRANULES. Tr. by Charles T. Ostertag, Jr. Sep 66, 9p, refs. ABL-Trans-1926; AD-651 251.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 251

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Biologicheskaya, v30 n6 p925-8 1965.

C. Biology

NCH-207 089 Field 6C

Vladimirskii, S. V.
GEOGRAPHIC DISTRIBUTION OF INJURIOUS ERGOT ON RYE IN USSR (Geograficheskoe Pasprostranenie i Zony Vrednosnogo Znacheniya Sporynii na Rzhi v SSSR). Sep 66, 34p. RTS-2875.
Order from NLL: 27s 6d as RTS-2875

Trans. of Sovetskaya Botanika (USSR) n5 p77-87 1939.

NCH-207 503 Field 6C

Beridze, R. K.
ON THE STUDY OF THE EMBRYOLOGY OF THE GENUS FRAGARIA L (K Izucheniyu Embriologii Roda Fragaria L.). Sep 66, 8p, 11refs. RTS-3451.
Order from NLL: 12s 6d as RTS-3451

Trans. of Botanicheskii Institut, Tiflis. Trudy (USSR) v23 p235-9 1964.

NCH-207 504 Field 6C

Chislenko, L. L.
THE SEX RATIO IN MARINE FREE-LIVING COPEPODA. Jan 67, 5p, 7refs. RTS-3812.
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NCH-208 074 Field 6C

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Order from NLL: 25s as RTS-3517

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NCH-208 092 Field 6C

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ON THE LOCAL USE OF THE PRODUCTS OF PHOTOSYNTHESIS IN THE SOY-BEAN (O Lokalnom Ispolzovanii Produktov Fotosinteza u Soi). Nov 66, 4p, 2refs. RTS-3524.
Order from NLL: 7s 6d as RTS-3524

Trans. of Akademiya Nauk SSSR. Doklady, v102 n2 p379-81 1955.

NCH-208 491 Field 6C, 8G

Klebanova, E. A.; Klevezal, G. A.
STRATIFICATION OF THE PERIOSTEAL ZONE OF LONG BONES AS A CRITERION FOR DETERMINING THE AGE OF MAMMALS. Dec 66, 14p, refs. RTS-3647.
Order from NLL: 17s 6d as RTS-3647

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NCH-208 692 Field 6C

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Order from ATS: $12.95 as ATS-99U98G

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TT-67-20000 Field 6C

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Order from ETC or SLA: $1.60 as TT-67-20000

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TT-67-20021 Field 6C, 6D

Shestakova, G. S.
THE PROBLEM OF THE PENETRABILITY OF BIRDS WINGS (K Voprosu o Pronitsaemosti Kryla Ptits). Tr. by B. F. Toms. 25p, 12refs. RAE-Lib-Trans-1143.
Order from ETC or SLA: $2.60 as TT-67-20021

Trans. of Akademiya Nauk SSSR. Institut Morfologii Zhivotnykh. Trudy, v9 p14-30 1953.

TT-67-20022 Field 6C, 6D

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THE STRUCTURE OF THE WING SURFACE AND ITS SIGNIFICANCE IN THE AERODYNAMICS OF BIRDS (Struktura Poverkhnosti Kryla i ee Znachenie dlya Aerodinamiki). Tr. by B. F. Toms. 37p, 11refs. RAE-Lib-Trans-1142.
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TT-67-20140 Field 6C

Vainshtein, B. A.
A CONTRIBUTION TO THE KNOWLEDGE OF THE FAUNA AND THE TAXONOMY OF SPIDER MITES (ACARIFORMES, TETRANYCHOIDEA). 4p (figs omitted) (figs omitted) refs. TT-67-20140.
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TT-67-20665 Field 6C

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Order from CSIRO as CSIRO-Trans-7880

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Gurau, L.
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TT-67-20721 Field 6C

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Order from CSIRO as CSIRO-Trans-7882

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TT-67-20724 Field 6C

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Order from CSIRO as CSIRO-Trans-7898

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THE EFFECT OF THE CHOLINOLYTIC N-METHYL-4-OXPIPERIDYL BENZYLATE (MPB) ON BIOLOGICALLY DISSIMILAR MOTOR REFLEXES IN MONKEYS. 1 May 67, 9p, 12refs.
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TT-67-31557 Field 6E, 6F

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TT-67-61742 Field 6E, 5J

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NCH-208 535 Field 6F, 2A

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NCH-208 578 Field 6I

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NCH-207 655 Field 6M

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NCH-208 523 Field 6M, 6A

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TT-67-61616 Field 6M, 6E

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 168

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TT-67-61704 Field 6M

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TT-67-61709 Field 6M

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COMPARATIVE CYTOFLUOROMETRIC STUDY OF THE DNA CONTENT IN HIGH POLYPLOIDY CELL NUCLEI STAINED WITH ACRIDINE ORANGE AND FLUORESCENT SCHIFF-TYPE REAGENT. Tr. by Charles T. Ostertag, Jr. 1967, 9p, 23refs. ABL-Trans-1928; AD-651 175.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 175

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TT-67-61710 Field 6M, 6E

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ANTIHEMAGGLUTINATING ANTIBODY SPECTRUM FOLLOWING EXPERIMENTAL IMMUNIZATION WITH TICK-BORNE ENCEPHALITIS VIRUSES. Tr. by Charles T. Ostertag, Jr. Jul 66, 13p, 8refs. ABL-Trans-1816; AD-651 176.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 176

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TT-67-61715 Field 6M

Khrusteselevskaya, N. M.; Bibikova, V. A.; Osadchaya, L. M.
OBSERVATIONS ON THE VARIABILITY OF THE PLAGUE BACILLUS IN THE FLEAS. II: PASSAGE OF THE AVIRULENT SUBCULTURE 610-A THROUGH FLEAS AND PREGNANT GUINEA PIGS. Tr. by Charles T. Ostertag, Jr. Apr 66, 4p. ABL-Trans-1684; AD-651 196.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 196

Trans. of mono. Nauchnaya Konferentsiya po Prirodnoi Ochagovosti i Profilaktike Chumy, Alma Ata, Feb 63. Materialy, n. p., n.d. p233-5.

TT-67-61716 Field 6M

Mikhailova, R. S.
SEROLOGICAL INTERRELATIONSHIPS BETWEEN THE PLAGUE MICROBE AND BACTERIA OF THE INTESTINAL GROUP. Tr. by Charles T. Ostertag, Jr. Dec 65, 9p, 9refs. ABL-Trans-1717; AD-651 197.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 197

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TT-67-61717 Field 6M

Shashaev, M. A.
MATERIALS CONCERNING THE BIOLOGY OF THE PSEUDOTUBERCULOSIS BACTERIOPHAGE. Tr. by Charles T. Ostertag, Jr. Dec 65, 4p. ABL-Trans-1718; AD-651 198.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 198

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TT-67-61722 Field 6M, 6A

Levina, E. N.
METHOD OF FLUORESCENT ANTIBODIES IN THE STUDY OF THE ANTIGENIC STRUCTURE OF BACTERIA. Tr. by Charles T. Ostertag, Jr. Sep 66, 12p, refs. ABL-Trans-1934; AD-651 236.
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Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Biologicheskaya, v30 n6 p909-12 1965.

TT-67-61723 Field 6M

Shapovalova, M. F.
A METHOD OF ISOLATING ANTHRAX BACILLI FROM THE SOIL. Tr. by Charles T. Ostertag, Jr. Jun 66, 5p, 4refs. ABL-Trans-1809; AD-651 237.
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TT-67-61724 Field 6M, 6A

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FLUORESCENCE MICROSCOPY FOR THE IN VITRO STUDY OF THE INTRACELLULAR DIGESTION PROCESS IN PHAGOCYTIZED BACTERIA. Tr. by Charles T. Ostertag, Jr. Sep 66, 10p, refs. ABL-Trans-1927; AD-651 238.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 238

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TT-67-61727 Field 6M

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SOME RESULTS OF EPIDEMIOLOGICAL OBSERVATIONS WITH VACCINOPROPHYLAXIS OF TICK-BORNE ENCEPHALITIS. Tr. by Charles T. Ostertag, Jr. Jun 66, 10p, 6refs. ABL-Trans-1931; AD-651 241.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 241

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TT-67-61743 Field 6M

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OBSERVATIONS ON THE INFLUENCE OF INORGANIC IRON ON THE VIRULENCE OF P. PESTIS CULTIVATED ON ARTIFICIAL NUTRIENT MEDIA. Tr. by Charles T. Ostertag, Jr. Dec 65, 5p. ABL-Trans-1714; AD-651 364.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 364

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TT-67-61745 Field 6M, 20F

Potukhov, V. G.
THE FEASIBILITY OF USING THE MIE THEORY FOR THE SCATTERING OF LIGHT FROM SUSPENSIONS OF SPHERICAL BACTERIA. Tr. by Charles T. Ostertag, Jr. Apr 66, 17p, 15refs. ABL-Trans-1673; AD-651 362.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 362

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For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-61747 Field 6M, 6A

Mikhailov, V. G.
APPLICATION OF FLUORESCENCE MICROSCOPY TO EVALUATE THE VIABILITY OF BONE MARROW CELLS DURING THEIR PRESERVATION. Tr. by Charles T. Ostertag, Jr. Sep 66, 6p, refs. ABL-Trans-1933; AD-651 367.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 367

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Biologicheskaya, n6 p932-4 1965.

TT-67-61749 Field 6M, 6A

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STUDY OF VIRUS PROTEIN REPOLYMERIZATION AND RECONSTRUCTION OF SOME ROD-LIKE VIRUSES. Tr. by Charles T. Ostertag, Jr. Oct 66, 16p, 21refs. ABL-Trans-1942; AD-651 369.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 369

Trans. of Biokhimiya (USSR) v31 n4 p670-8 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-61750 Field 6M, 6A, 6T

Freiman, V. B.; Golshmid, V. K.
A STUDY OF BOTULIN TOXINS AND TOXOIDS BY FILTRATION THROUGH GEL. REPT. I. EXAMINATION OF BOTULIN TOXINS AND TOXOIDS OF THE A AND C TYPES BY FILTRATION THROUGH SEPHADEX G-100. Tr. by Charles T. Ostertag, Jr. Oct 66, 12p, refs. ABL-Trans-1943; AD-651 379.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 379

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) n5 p52-8 1966.

N. Personnel selection and maintenance (medical)

TT-67-61740 Field 6N, 6P, 5K, 5I

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HEMODYNAMIC FACTORS, UNDERLYING THE PHYSIOLOGICAL (Haemodynamischer Beitrag zu den Physiologischen Grundlangen des Intervalltrainings). Tr. by Tatiana Boldyreff. 14 Mar 67, 12p (refs omitted). NMS-Trans-2005.
Order from CFSTI or ETC: HC$3.00, MF$0.65

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TT-67-61741 Field 6N, 6E, 6K

Degre, S.; Denolin, H.
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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61741

Trans. of Acta Cardiologica (Belgium) v20 p17-26 1965.

O. Pharmacology

NCH-208 695 Field 6O, 6E

Pezzo, G.; Brina, A.; Barbera, G.
TREATMENT OF CORONARY ARTERY DISEASE: INVESTIGATION OF IPROVERATRIL, A NEW DRUG. 1967, 7p. ATS-10U99I.
Order from ATS: $9.85 as ATS-10U99I

Trans. of Minerva Medica (Italy) v57 n82 p3341-5 1966.

NCH-208 702 Field 6O

Skursky, J.
A NOVEL ANTITUSSIVE DRUG (ROMILAR "ROCHE"). 1967, 5p. ATS-29U99G.
Order from ATS: $7.75 as ATS-29U99G

Trans. of Wiener Medizinische Wochenschrift (Austria) v109 n24 p507-8 1959.

NCH-208 703 Field 6O

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PHARMACOLOGY OF ROMILAR (ROCHE), AN ANTITUSSIVE PREPARATION WITH CENTRAL ACTIVITY. 1967, 11p. ATS-28U99G.
Order from ATS: $15.50 as ATS-28U99G

Trans. of Schweizerische Medizinische Wochenschrift, v84 n49 p1368-72 1954.

TT-67-61614 Field 6O, 6E

Kohlmann, T.
THE SIGNIFICANCE OF PHARMACOPSYCHLOGICAL EXPERIMENTS IN THE ASSESSMENT OF THE EFFECTS OF DRUGS ON CHILDREN WITH BRAIN DAMAGE. Tr. by H. Warfield. 10 Apr 67, 11p, refs. NIH-4-13-67.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61614

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TT-67-61752 Field 6O, 6M

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PROPERTIES OF DRY CUTANEOUS ASSOCIATED VACCINE AGAINST PLAGUE, TULAREMIA AND BRUCELLOSIS, PREPARED IN ONE AMPOULE. Tr. by Charles T. Ostertag, Jr. May 66, 13p, 4refs. ABL-Trans-1801; AD-651 377.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 377

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P. Physiology

NCH-207 495 Field 6P, 6M

Rubenchik, L. I.
THE PHYSIOLOGY OF AZOTOBACTER (Fiziologiya Azotobaktora). Sep 66, 38p, refs. RTS-3444.
Order from NLL: 40s as RTS-3444

Trans. of Uspekhi Mikrobiologii (USSR) v2 p126-44 1965.

NCH-208 094 Field 6P

Andriasov, A. N.
PROBLEMS INVOLVED IN THE CHOICE OF THE METHOD OF STUDYING HIGHER NERVOUS ACTIVITY IN CONDITIONS OF VARYING NUTRITION (K Voprosu o Vibore Metodiki Izuchanya Visshei Nervnoi Deiatelnosti v Uslovyakh Raslichnogo Pitanya). Nov 66, 8p, 18refs. RTS-3452.
Order from NLL: 12s 6d as RTS-3452

Trans. of Voprosy Pitaniya (USSR) v18 n2 p63-8 1959.

NCH-208 589 Field 6P

Sorokina, Z. O.
THE STATE OF BASIC INORGANIC IONS INSIDE CELLS. 1967, 18p. TC-3345.
Order from TC: $15.00 as TC-3345

Trans. of Fiziologichnyi Zhurnal (USSR) v11 p655-64 1965.

TT-67-31478 Field 6P

Fain, V. S.
IMAGE RECOGNITION. 1 May 67, 16p. JPRS-40835.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31478

Trans. of Priroda (USSR) n2 p18-26 1966.

R. Radiobiology

TT-66-57002/5 Field 6R, 18B, 6E

POLISH REVIEW OF RADIOLOGY AND NUCLEAR MEDICINE, VOL. 30, NO. 5, 1966. Tr. by P. Slomski. 1966, 122p, refs. SFCSI-HEW-NLM SFCSI-HEW-NLM(TT-66-57002/5).
Order from CFSTI: $3.00 as TT-66-57002/5

Trans. of Polski Przeglad Radiologii i Medycyny Nuklearnej, v30 n5 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-61751 Field 6R, 6M

Shevelev, A. S.
THE EFFECT OF IRRADIATION ON THE MULTIPLICATION OF BACTERIA OF THE VACCINE TULAREMIA STRAIN IN THE ORGANISM OF MICE AND GUINEA PIGS. Sep 65, 8p, 5refs.
ABL-Trans-1938; AD-651 378.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 378

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) n4 p107-11 1966.

S. Stress physiology

TT-67-61753 Field 6S, 22A, 6C

SOVIET BIOTECHNOLOGY AND BIOASTRONAUTICS, JAN-JUN 1966. 6 Mar 67, 191p. ATD-67-13; AD-651 382.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 382
Based on Soviet open literature between 1 Jan and 30 Jun 1966.
Rept. on Surveys of Foreign Scientific and Technical Literature.

T. Toxicology

TT-67-61746 Field 6T, 6M

Sergeeva, T. I.
DETECTION OF TYPE E BOTULIN TOXIN IN AN ORGANISM. Tr. by Charles T. Ostertag, Jr. Sep 66, 9p, 8refs. ABL-Trans-1939; AD-651 368.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 368

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) n4 p54-9 1966.

07 CHEMISTRY

TT-67-31430 Field 7-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 70. 27 Apr 67, 22p. JPRS-40787.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31430

TT-67-31475 Field 7-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 71. 1 May 67, 21p. JPRS-40832.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31475

Abstract trans. of Hua Hsueh T'ung Pao (Chinese People's Republic) n10 p1-64; n11 p1-64 1963.

TT-67-31514 Field 7-

USSR SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 41. 2 May 67, 151p. JPRS-40872.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31514

A. Chemical engineering

NCH-208 415 Field 7A

Henglein, F. A.
CHEMICAL TECHNOLOGY. Tr. by R. F. Lang. Apr 67, 865p.
Order from PP: $30.00

Trans. of mono. Grundriss der Chemischen Technik, 11th ed., n.p., n.d.

NCH-208 510 Field 7A

Shatalov, V. P.; Khlopotunov, G. F.; Slukin, A. D.; Zhilnikov, V. I.
HYDROGENATION OF ROSIN AT ATMOSPHERIC PRESSURE (Gidrirovanie Kanifoli pri Atmosfernom Davlenii). 1966, 8p, refs. RTS-3335.
Order from NLL: 7s 6d as RTS-3335

Trans. of Gidroliznaya i Leskhimicheskaya Promyshlennost (USSR) v16 n6 p5-7 1963.

NCH-208 536 Field 7A

Juntgen, H.
METHOD FOR THE DRY SEPARATION OF SULFUR DIOXIDE FROM WASTE GASES. 17 Mar 67, 9p. TC-3267.
Order from TC: $8.50 as TC-3267

Trans. of Chemie-Ingenieur-Technik (West Germany) v38 p734-6 1966.

NCH-208 537 Field 7A

Grob, K.
GAS CHROMATOGRAPHY OF CIGARETTE SMOKE. 17 Mar 67, 13p. TC-3268.
Order from TC: $9.50 as TC-3268

Trans. of Beitraege zur Tabkforschung (West Germany) v3 n6 p403-8 1966.

NCH-208 540 Field 7A

Fischer, K. O.
ENERGY PROBLEMS IN THE CHEMICAL INDUSTRY OF THE FEDERAL REPUBLIC OF GERMANY. 17 Mar 67, 19p. TC-3284.
Order from TC: $12.00 as TC-3284

Trans. of Chemische Industrie (West Germany) v18 p385-9 1966.

NCH-208 555 Field 7A

Vortmeyer, D.; Borner, C. M.
THE RADIATION TRANSMITTANCE NUMBER IN CHARGES. 17 Mar 67, 8p. TC-3306.
Order from TC: $7.50 as TC-3306

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NCH-208 558 Field 7A

Steuerle, H.
SEPARATION AND DETERMINATION OF AROMATIC

SULFONIC ACIDS BY COLUMN CHROMATOGRAPHY ON SEPHADEX G25. 17 Mar 67, 9p. TC-3310.
Order from TC: $9.00 as TC-3310

Trans. of Zeitschrift fuer Analytische Chemie (West Germany) v220 n6 p412-20 1966.

NCH-208 566 Field 7A

Krylov, O. V.; Livshits, V. S.
HETEROGENEOUS CATALYSTS FOR THE POLYMERIZATION OF PROPYLENE OXIDE. 17 Mar 67, 6p. TC-3319.
Order from TC: $6.50 as TC-3319

Trans. of Neftekhimiya (USSR) v5 n1 p40-3 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 571 Field 7A

Becker, K.
ISOMERIZATION OF TECHNICAL XYLENE FRACTIONS ON CATALYSTS WITH ALUMINOSILICATE CARRIERS. 17 Mar 67, 15p. TC-3474.
Order from TC: $12.00 as TC-3474

Trans. of Chemische Technik (East Germany) v18 n8 p455-9 1966.

NCH-208 577 Field 7A

Freidlin, L. Kh.
STUDY OF A PHASE MECHANISM FOR CATALYTIC DEHYDRATION OF CIS-AND TRANS- BUTEN-2-DIOLS-1,4. 17 Mar 67, 8p. TC-3522.
Order from TC: $7.50 as TC-3522

Trans. of Neftekhimiya (USSR) v6 n4 p608-13 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 588 Field 7A

Pozin, M. E.
THE HEIGHT OF THE INITIAL LAYER OF STRONGLY FOAMING LIQUID ON ABSORBER SIEVE-PLATES. 1967, 10p. TC-3344.
Order from TC: $9.00 as TC-3344

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Khimiya i Khimicheskaya Tekhnologiya (USSR) v7 p1003-9 1964.

NCH-208 591 Field 7A

Danusso, F.; Sianesi, D.
THE POLYMERIZATION OF VINYL CHLORIDE. 1967, 26p. TC-3350.
Order from TC: $15.00 as TC-3350

Trans. of la Chimica e l'Industria (Italy) v37 n9 p695-701 1955.

NCH-208 704 Field 7A

Nitsche, M.; Luther, H.
DIFFUSION OF GASES IN LIQUID-SATURATED PORE SPACE. 1967, 12p. ATS-92U99G.
Order from ATS: $14.85 as ATS-92U99G

Trans. of Chemie Ingenieur Technik (West Germany) v38 n11 p1155-61 1966.

NCH-208 712 Field 7A

Harada, M.; Ito, R.; Migita, T.; Shimamura, O.
DECOMPOSITION OF PHENYLAZOTRIPHENYLMETHANE IN BENZENE. 1967, 11p. ATS-06U99J.
Order from ATS: $17.50 as ATS-06U99J

Trans. of Kogyo Kagaku Zasshi (Japan) v69 n5 p962-6 1966.

NCH-208 715 Field 7A

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STUDY OF THE KINETICS OF HYDROCARBON CONVERSION IN THE SECOND STAGE OF VACUUM GAS OIL HYDROCRACKING. 1967, 5p. ATS-62U100R.
Order from ATS: $7.00 as ATS-62U100R

Trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) v11 n12 p14-7 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 724 Field 7A

Karavaev, M. M.; Popov, I. G.; Petrishchev, K. P.
EFFECT OF PROCESS REGIME ON THE PRODUCTIVITY OF INDUSTRIAL METHANOL SYNTHESIS COLUMNS, 1967, 5p. ATS-07U100R.
Order from ATS: $8.65 as ATS-07U100R

Trans. of Khimicheskaya Promyshlennost (USSR) v42 n11 p829-31 1966.

NCH-208 727 Field 7A

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Panchenkov, G. M.; Agapov, G. I.
RATE OF COKE FORMATION IN THE CRACKING OF THE GROUP COMPONENTS OF PETROLEUM RESIDUES. 1967, 6p. ATS-02U100R.
Order from ATS: $8.95 as ATS-02U100R

Trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) v11 p25-7 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 728 Field 7A

Grishko, S. P.; Karapetyants, M. Kh.
PRODUCTION OF SYNTHESIS GAS OF A GIVEN COMPOSITION BY CONVERSION OF METHANE WITH STEAM AND CARBON DIOXIDE. 1967, 4p. ATS-06U100R.
Order from ATS: $7.25 as ATS-06U100R

Trans. of Khimicheskaya Promyshlennost (USSR) v42 n11 p827-9 1966.

NCH-208 734 Field 7A

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Panchenkov, G. M.; Aseev, Yu. G.; Nedoshivin, Yu. N.
THE MECHANISM OF COKE FORMATION IN THE

CRACKING GROUP COMPONENTS OF PETROLEUM RESIDUES. 1967, 7p. ATS-67U98R.
Order from ATS: $12.00 as ATS-67U98R

Trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) v11 n9 p31-5 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 743 Field 7A

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ELECTRICAL RESISTIVITY OF CARBON BLACK-KAOLIN COMPOSITE SINTERED MATERIALS. PT. 7. ELECTRICAL RESISTIVITY OF LOOSELY PACKED CARBON BLACK AS A FUNCTION OF BULK DENSITY. 1967, 14p. ATS-81U98J.
Order from ATS: $24.85 as ATS-81U98J

Trans. of Kogyo Kagaku Zasshi (Japan) v69 n3 p392-8 1966.

NCH-208 749 Field 7A

Akopyan, L. A.; Rudova, G. A.; Morozov, N. A.; Klimenko, V. V.
PROCESS DRIVING FORCE IN FLUIDIZED-BED EQUIPMENT. 1967, 6p. ATS-68U98R.
Order from ATS: $8.00 as ATS-68U98R

Trans. of Khimicheskaya Promyshlennost (USSR) v42 n9 p691-4 1966.

NCH-208 753 Field 7A

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SELECTION OF THE OPTIMIZATION CRITERION FOR A PYROLYTIC FURNACE. 1967, 7p. ATS-66T98R.
Order from ATS: $10.50 as ATS-66T98R

Trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) v11 n10 p35-8 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-21074 Field 7A, 13H

Gelperin, N. I.
FLUIDISATION OF GRANULAR MATERIALS IN AN APPARATUS WITH ROTATING DISTRIBUTING SCREEN. CE-Trans-4417.
Order from CEGB as CE-Trans-4417

Trans. of Khimicheskaya Promyshlennost (USSR) v41 n6 p55-9 1965.

TT-67-31550 Field 7A, 13I

USSR INDUSTRIAL DEVELOPMENT: CHEMICAL INDUSTRY AND MACHINERY NO. 45. 5 May 67, 15p. JPRS-40908.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31550

TT-67-61764 Field 7A, 20M

Thrun, E.
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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61764

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TT-67-61770 Field 7A, 20M

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B. Inorganic chemistry

NCH-207 877 Field 7B

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ON THE DETERMINATION OF BORIC ACID. I. SEPARATION OF BORIC ACID FROM THE AMMONIUM ION AND THE METALLIC CATIONS BY MEANS OF ION EXCHANGERS. 5 Dec 66, 5p. TC-3064.
Order from TC: $3.50 as TC-3064

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NCH-208 412 Field 7B

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Order from PLPC: $9.00

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NCH-208 672 Field 7B, 11B

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Order from IICH: $7.50 as IICH-9122

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NCH-208 678 Field 7B

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Order from IICH: $28.00 as IICH-9129

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NCH-208 737 Field 7B

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 739 Field 7B

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Order from ATS: $9.30 as ATS-50U99R

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NCH-208 747 Field 7B

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Order from ATS: $9.75 as ATS-87U100R

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NCH-208 758 Field 7B, 7C, 20F,

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Order from NLL

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NCH-208 782 Field 7B

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Order from NLL

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TT-67-31487 Field 7B, 6A, 7A, 7D

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31487

TT-67-31511 Field 7B, 7D

Saldadze, K. M.; Pashkov, A. V.; Litov, V. S.
CHARACTERISTICS OF ION EXCHANGERS AND ION EXCHANGE MEMBRANES. 2 May 67, 56p. JPRS-40869.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31511

Trans. of mono. Ionoobmennye Vysokomolekulyarnye Soedineniya, Moscow, 1960 p107-57. High-Molecular Weight Ion-Exchange Compounds.

TT-67-61771 Field 7B, 7D, 7C

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61771

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TT-67-61772 Field 7B, 7D, 7C

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TT-67-61778 Field 7B, 8G

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TT-67-61779 Field 7B, 7D, 7C

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61779

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C. Organic chemistry

NCH-207 684 Field 7C, 20F, 7B

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THE LUMINISCENCE OF THE RARE EARTHS PHTHALOCYANINES (Lyuminestsentsiya Redkozemelnykh Ftalotsianinov). Sep 66, 10p, 14refs. RTS-3262.
Order from NLL: 10s as RTS-3262

Trans. of Akademiya Navuk BSSR, Minsk. Doklady, n7 p291-4 1961.

NCH-207 862 Field 7C

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CROSS-LINKING OF POLYETHYLENE IN THE PRESENCE OF OTHER POLYMERS. 5 Dec 66, 13p. TC-3023.
Order from TC: $9.50 as TC-3023

Trans. of Plaste und Kautschuk (East Germany) v13 n5 p266-8 1966.

NCH-208 267 Field 7C

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THE MOVEMENT OF SOLUTION NEAR A DROPPING MERCURY ELECTRODE (Dvizhenie Rastvora Vozle Kapelnogo Rtytnogo Katoda). Pt. 3: Movement in Concentrated Solutions of Foreign Electrolytes and the Formation of False Waves on the Polarographic Curve. Dec 66, 13p, 11refs. RTS-3713.
Order from NLL: L1 2s 6d as RTS-3713

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NCH-208 414 Field 7C, 19A, 13H, 14B

Urbanski, T.
CHEMISTRY AND TECHNOLOGY OF EXPLOSIVES, VOL. 3. Tr. by M. Jurecki. Apr 67, 712p.
Order from PP: $23.00

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NCH-208 494 Field 7C, 13H

Chernavskii, D. S.; Ierusalimskii, N. D.
THE PROBLEM OF THE DETERMINATIVE LINK IN THE SYSTEM OF FERMENTATION REACTIONS (K Voprosu ob Opredelyayushchem Zvene v Sistem Fermentativnykh Reaktsii). Dec 66, 14p, 4refs. RTS-3660.
Order from NLL: L1 5s as RTS-3660

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NCH-208 531 Field 7C

Manabe, O.
LIQUID PHASE OXIDATION OF AROMATIC HYDROCARBONS BY COPPER SALTS. 17 Mar 67, 10p. TC-3256.
Order from TC: $11.00 as TC-3256

Trans. of Kogyo Kagaku Zasshi (Japan) v67 n8 p1141-4 1964.

NCH-208 532 Field 7C

Kubo, T.; Bannai, T.
MUTUAL ACTIONS BETWEEN SILICATES AND ORGANIC COMPOUNDS. 17 Mar 67, 24p. TC-3259.
Order from TC: $18.00 as TC-3259

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NCH-208 539 Field 7C, 7D

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KINETICS OF THE POLYMERIZATION OF ISOPRENE AND STYRENE WITH n-BUTYLLITHIUM AS CATALYST. 17 Mar 67, 26p. TC-3282.
Order from TC: $17.00 as TC-3282

Trans. of Makromolekulare Chemie (Switzerland) v96 p150-71 1966.

NCH-208 546 Field 7C

Ballester, M.; Castaner, J.
PREPARATION AND PROPERTIES OF PERCHLORO-p-XYLENE. 17 Mar 67, 6p. TC-3291.
Order from TC: $4.50 as TC-3291

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NCH-208 551 Field 7C

Runge, F.; Kraus, H.
THE BEHAVIOR OF ALKYL AMINES HAVING EVEN-NUMBERED AND ODD-NUMBERED CARBON CHAINS IN THE FLOTATION OF POTASSIUM SALTS. 17 Mar 67, 9p. TC-3301.
Order from TC: $7.50 as TC-3301

Trans. of Fette Seifen Anstrichmittel (West Germany) v66 n7 p505-7 1964.

NCH-208 552 Field 7C

Schubert, H.
CONCERNING SOME PROBLEMS OF THE ABSORPTION OF ALKYL AMINE HYDROCHLORIDES ON MINERAL SALTS. 17 Mar 67, 24p. TC-3302.
Order from TC: $15.00 as TC-3302

Trans. of Freiberger Forschungshefte. Reihe A, Bergbau (East Germany) v316 p15-33 1964.

NCH-208 556 Field 7C

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SYNTHESIS OF SOME ARYLCARBOXYLIC ACIDS AND DIAMINES FROM POLYCYCLIC HYDROCARBONS. 17 Mar 67, 8p. TC-3308.
Order from TC: $7.00 as TC-3308

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) v30 n9 p938-41 1964.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 561 Field 7C

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STUDY OF THE PROPERTIES OF CATALYSTS

PREPARED FROM RARE EARTH OXIDES IN BUTANE TRANSFORMATIONS. 17 Mar 67, 6p. TC-3314.
Order from TC: $6.50 as TC-3314

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Khimicheskaya, n5 p819-22 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 569 Field 7C

Zimmermann, H.
REACTION MECHANISM IN POLYETHYLENE TEREPHTHALATE MELTS. 17 Mar 67, 25p. TC-3442.
Order from TC: $16.00 as TC-3442

Trans. of Akademie der Wissenschaften, Berlin. Klasse fuer Chemie, Geologie und Biologie. Abhandlungen (East Germany) n3 p19-27 1965.

NCH-208 572 Field 7C

Tsuruda, M.
CONDENSATION OF POLYAMIDES. 17 Mar 67, 13p. TC-3475.
Order from TC: $12.00 as TC-3475

Trans. of Kogyo Kagaku Zasshi (Japan) v62 n10 p1613-6 1959.

NCH-208 576 Field 7C

Vinogradova, S. V.
INVESTIGATION OF THE FRIES REARRANGEMENT IN COMPOUNDS MODELING THE ELEMENTARY MONOMER UNIT IN POLYARYLATES. 17 Mar 67, 8p. TC-3517.
Order from TC: $6.50 as TC-3517

Trans. of Zhurnal Organicheskoi Khimii (USSR) v2 n8 p1441-5 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 600 Field 7C

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Order from TC: $19.00 as TC-3390

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NCH-208 601 Field 7C

Yakushin, M. I.
SYNTHESIS OF HIGHER ALIPHATIC AMINES. 1967, 17p. TC-3392.
Order from TC: $15.00 as TC-3392

Trans. of Khimicheskaya Promyshlennost (USSR) v42 n7 p493-8 1966.

NCH-208 674 Field 7C

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POLYPHENYL POLYENE. Rept. 18 on Stilbene Studies. 14 Apr 67, 14p. IICH-9125.
Order from IICH: $13.50 as IICH-9125

Trans. of Chemische Berichte (West Germany) v91 p1274-80 1958.

NCH-208 675 Field 7C

Drefahl, G.; Ploetner, G.
POLYPHENYL POLYINES. Rept. 19 on Stilbene Studies. 14 Apr 67, 8p. IICH-9126.
Order from IICH: $7.50 as IICH-9126

Trans. of Chemische Berichte (West Germany) v91 p1280-5 1958.

NCH-208 676 Field 7C

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POLYPHENYL POLYBUTADIENES. Rept. 20 on Stilbene Studies. 14 Apr 67, 8p. IICH-9127.
Order from IICH: $7.50 as IICH-9127

Trans. of Chemische Berichte (West Germany) v91 p1285-9 1958.

NCH-208 677 Field 7C

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RESEARCH IN THE AZOLE SERIES. PT. IX: SYNTHESIS AND STRUCTURE OF KETOENAMINES. 14 Apr 67, 19p. IICH-9128.
Order from IICH: $18.50 as IICH-9128

Trans. of Societe Chimique de France. Bulletin, p2845-9 1966.

NCH-208 679 Field 7C

Koebrich, G.; Froehlich, H.; Drischel, W.
STABLE CARBENOIDS. PT. 19, 1-CHLORO-2, 2-DIPHENYLVINYLSILVER. 14 Apr 67, 17p. IICH-9130.
Order from IICH: $16.50 as IICH-9130

Trans. of Journal of Organometallic Chemistry (Netherlands) v6 p194-201 1966.

NCH-208 705 Field 7C

Malinowski, S.; Benbenek, S.
SOME REACTIONS OF DIAZONIUM SALTS WITH UNSATURATED ALIPHATIC COMPOUNDS. PT. 5. REACTIONS WITH alpha,beta-UNSATURATED ALIPHATIC ALDEHYDES. 1967, 6p. ATS-51U100P.
Order from ATS: $9.85 as ATS-51U100P

Trans. of Roczniki Chemii (Poland) v30 p1121-7 1956.

NCH-208 708 Field 7C

Onoe, T.; Furukawa, C.; Otsuka, H.
ORGANIC MICROANALYSIS. PT. 5. SIMULTANEOUS DETERMINATION OF CARBON, HYDROGEN HALOGENS, AND SULFUR. 1967, 5p. ATS-56U100J.
Order from ATS: $6.75 as ATS-56U100J

Trans. of Takamine Kenkyusho Nempo (Japan) v11 p100-3 1959.

NCH-208 711 Field 7C

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HYDROLYSIS OF 2-PHENYL-2-ETHYLETHYLENIMINE. 1967, 4p. ATS-19U99J.
Order from ATS: $6.75 as ATS-19U99J

Trans. of Nihon Kagaku Zasshi (Japan) v85 n10 p707-8 1964.

NCH-208 722 Field 7C, 7D

Stroeva, S. S.; Gelbshtein, A. I.; Kulkova, N. V.; Shcheglova, G. G.; Ezhkova, Z. I.
AN INVESTIGATION OF THE ACTIVITY AND SELECTIVITY OF SOME MIXED CATALYSTS FOR THE SELECTIVE OXIDATION OF THE C-H BOND IN UNSATURATED HYDROCARBONS. 1967, 12p. ATS-65U99R.
Order from ATS: $14.95 as ATS-65U99R

Trans. of Neftekhimiya (USSR) v6 n3 p412-22 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 729 Field 7C

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Order from ATS: $11.00 as ATS-41T98R

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v8 n9 p1501-5 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 730 Field 7C

Tarasov, A. I.; Tskhai, V. A.; Spasskii, S. S.
COMPOSITION EQUATIONS OF THREE-COMPONENT COPOLYMERS. PT. 1. 1967, 7p. ATS-49U99R.
Order from ATS: $11.25 as ATS-49U99R

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v2 n11 p1601-7 1960.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-20672 Field 7C, 11I

Noda, I.
AMINATION OF CHLOROMETHYLATED POLYSTYRENE. CSIRO-Trans-8006.
Order from CSIRO as CSIRO-Trans-8006

Trans. of Kogyo Kagaku Zasshi (Japan) v66 n6 p857-60 1963.

TT-67-20673 Field 7C, 11I

Noda, K.
CHLOROMETHYLATION OF POLYSTYRENE AND THE BRIDGING REACTION. CSIRO-Trans-8005.
Order from CSIRO as CSIRO-Trans-8005

Trans. of Kogyo Kagaku Zasshi (Japan) v66 n6 p854-7 1963.

D. Physical chemistry

NCH-207 853 Field 7D

Wagner, H.; Fischer, G.
FILM FORMATION FROM EMULSIONS. 14 Apr 67, 29p. IICH-9116.
Order from IICH: $28.00 as IICH-9116

Trans. of Kolloid-Zeitschrift und Zeitschrift fuer Polymere (West Germany) v77 p12-20 1936.

NCH-207 861 Field 7D

Otpushchennikov, M. F.; Zotov, V. V.
SOUND VELOCITY AND EVAPORATION HEAT OF A LIQUID. 5 Dec 66, 5p. TC-3021.
Order from TC: $3.50 as TC-3021

Trans. of Ukrayinskyi Fizychnyi Zhurnal (USSR) v11 n5 p558-60 1966.

NCH-207 863 Field 7D, 14B

Tomassi, W.
HYDROGEN CHLORIDE AND SODIUM CHLORIDE ELECTROLYSIS ON PILOT PLANT SCALE USING A POWDER CATHODE. 5 Dec 66, 10p. TC-3042.
Order from TC: $9.00 as TC-3042

Trans. of Przeglad Chemiczny (Poland) v45 n3 p131-4 1966.

NCH-207 864 Field 7D, 7B

Szufarski, Z.; Pischinger, E.
STUDIES OF THE SOLUBILITY OF SODIUM CARBONATE, SODIUM SULFATE AND SODIUM CHLORIDE IN SODIUM HYDROXIDE SOLUTIONS. PT. II. SOLUBILITY ISOTHERMS OF QUATERNARY SYSTEMS AT 30° TEMPERATURE. 5 Dec 66, 8p. TC-3043.
Order from TC: $7.50 as TC-3043

Trans. of Przeglad Chemiczny (Poland) v45 n1 p20-2 1966.

NCH-207 868 Field 7D, 7A

Bittmanova, J.; Deyl, C.
FLOW METHOD OF PRODUCING A MIXTURE OF AIR WITH CHLORINE OF LOW CONCENTRATION. 5 Dec 66, 7p. TC-3049.
Order from TC: $7.00 as TC-3049

Trans. of Frantisek Palacky Univ., Olomouc. Acta (Czechoslavakia) v13 n5 p5-12 1964.

NCH-207 878 Field 7D, 7B

Jarzynska, M.
SYNTHESIS OF ALKYLALUMINUM COMPOUNDS AT PRESSURES BELOW 15 ATMOSPHERES. 5 Dec 66, 10p. TC-3066.
Order from TC: $9.00 as TC-3066

Trans. of Przeglad Chemiczny (Poland) v45 n3 p142-5 1966.

NCH-208 054 Field 7D

Ivanovskii, L. E.
THE ELECTROLYSIS OF CHLORIDE MELTS WITH NbO AND NbO_2 ANODES (Elektroliz Khloridnykh Rasplavov a Anodam iz NbO i NbO_2). Oct 66, 10p, 6refs. RTS-3472.
Order from NLL: 15s as RTS-3472

Trans. of Akademiya Nauk SSSR. Institut Elektrokhimii, Sverdlovsk. Trudy, n5 p111-7 1964.

NCH-208 071 Field 7D, 7C

Shigorin, D. N.; Mikhailov, N. V.; Klyueva, O. A.
STUDY OF THE PROPERTIES OF POLYPEPTIDE CHAINS BY INFRA-RED ABSORPTION SPECTRA (Izuchenie Stroeniya Polipeptidnoi Tsepi Metodom Inftakrasnukh Spektrov Pogloshcheniya). Oct 66, 4p, 12refs. RTS-3533.
Order from NLL: 10s as RTS-3533

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v30 n7 p1591-5 1956.

NCH-208 080 Field 7D

Kryukova, T. A.
TYPE 1 AND TYPE 2 POLAROGRAPHIC MAXIMA (Polyarograricheskie Maksimumy Pervogo i Btorogoa Roda). Dec 66, 19p, 14refs. RTS-3714.
Order from NLL: L1 7s 6d as RTS-3714

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v21 p265-75 1947.

NCH-208 115 Field 7D, 12A

Sulychev, V. P.; Veselov, M. G.
CALCULATION OF THE DIBORANE (B_2H_6) MOLECULE IN THE TWO CENTRES APPROXIMATION (Raschet Molekuly Diborana v Dvukhtsentrovom Priblizhenii). Oct 66, 8p, 13refs. RTS-3610.
Order from NLL: 15s as RTS-3610

Trans. of Lietuvos Fizikos Rinkinys (Lithuanian SSR) v3 n1/2 p253-9 1963.

NCH-208 404 Field 7D, 7C

Emanuel, N. M.; Denisov, E. T.; Maizus, Z. K.
LIQUID-PHASE OXIDATION OF HYDROCARBONS. Tr. by B. J. Hazzard. Feb 67, 352p.
Order from PLPC: $22.50

Trans. of Unidentified Russian language mono., n.p., n.d.

NCH-208 408 Field 7D, 8G

Zvyagin, B. B.
ELECTRON-DIFFRACTION ANALYSIS OF CLAY MINERAL STRUCTURES. A volume in the Monographs in Geoscience Series. Tr. by Simon Lyse. Feb 67, 264p.
Order from PLPC: $19.50

Trans. of Unidentified Russian language mono., n.p., n.d.

NCH-208 409 Field 7D, 20L

Sirota, N. N., ed.
CHEMICAL BONDS IN SEMICONDUCTORS AND SOLIDS. Tr. by Geoffrey D. Archard. Feb 67, 288p.
Order from PLPC: $27.50

Trans. of Unidentified Russian language mono., n.p., n.d.

NCH-208 416 Field 7D, 11I, 20H, 7C

Asinger, F.
OLEFINS. Tr. by B. J. Hazzard. Mar 67, 1100p.
Order from PP: $30.00

Trans. of Unidentified German mono., n.p., n.d.

NCH-208 417 Field 7D, 7C

Berezin, I. V.; Denisov, E. T.; Emanuel, N. M.;
THE OXIDATION OF CYCLOHEXANE. Tr. by K. A. Allen. Oct 66, 304p.
Order from PP: $15.00

Trans. of Unidentified Russian mono., n.p., n.d.

NCH-208 429 Field 7D, 20L, 20M

Myamlin, V. A.; Pleskov, Y. V.
ELECTROCHEMISTRY OF SEMICONDUCTORS. Tr. by C. N. Turton and T. I. Turton. Mar 67, 410p.
Order from PLPC: $19.50

Trans. of mono. Elektrokhimiya Poluprovodnikov, Moscow, 1965.

NCH-208 430 Field 7D, 20M, 20L, 18H

Vavilov, V. S.
EFFECTS OF RADIATION ON SEMICONDUCTORS. Tr. by Albin Tybulewicz. 1965, 225p.
Order from PLPC: $15.00

Trans. of mono. Deistvie Izlucheniya na Poluprovodniki, Moscow, 1963 264p.

NCH-208 431 Field 7D, 20M, 20L

Sirota, N. N.
CHEMICAL BONDS IN SEMICONDUCTORS AND SOLIDS. Tr. by Geoffrey D. Archard. 1967, 288p.
Order from PLPC: $27.50

Trans. of mono. Khimueskaya Svyaze v Poluprobodnikakh i Termodinamika, n.p., n.d. 320p.

NCH-208 496 Field 7D, 11I

Kachinskaya, O. N.
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Order from TC: $13.00 as TC-3171

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NCH-208 509 Field 7D

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Order from TC: $16.00 as TC-3193

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NCH-208 534 Field 7D

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NCH-208 560 Field 7D

Langbein, G.
THE MOLECULAR WEIGHT OF POLYMERS FROM THEIR SPECTRUM. 17 Mar 67, 29p. TC-3312.
Order from TC: $22.00 as TC-3312

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NCH-208 562 Field 7D, 7A

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MECHANISM AND KINETICS OF CUMENE CRACKING ON CRYSTALLINE ALUMINO-SILICATES. 17 Mar 67, 6p. TC-3315.
Order from TC: $7.00 as TC-3315

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v40 n10 p182-6 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 567 Field 7D

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COLLOIDAL STRUCTURE IN STRETCHED HIGH POLYMERS. 17 Mar 67, 44p. TC-3424.
Order from TC: $26.00 as TC-3424

Trans. of Kolloid-Zeitschrift und Zeitschrift fuer Polymere (West Germany) v211 n1/2 p14-33 1966.

NCH-208 568 Field 7D

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NOTE ON THE DEFINITION OF THE FREE ENTHALPY ON AN INTERFACE. 17 Mar 67, 7p. TC-3439.
Order from TC: $5.50 as TC-3439

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NCH-208 573 Field 7D

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Order from TC: $16.00 as TC-3476

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NCH-208 579 Field 7D

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Order from TC: $19.00 as TC-3530

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NCH-208 583 Field 7D

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Order from TC: $5.00 as TC-3320

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NCH-208 590 Field 7D

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NCH-208 592 Field 7D

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Order from TC: $6.00 as TC-3353

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NCH-208 598 Field 7D, 7C

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COLLOIDS AND NATURAL MACROMOLECULES. 1967, 20p. TC-3384.
Order from TC: $15.00 as TC-3384

Trans. of Kolloid-Zeitschrift und Zeitschrift fuer Polymere (West Germany) v202 n1 p40-9 1965.

NCH-208 673 Field 7D, 7C

Christol, C.; Christol, H.
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Order from IICH: $36.00 as IICH-9123

Trans. of Journal de Chimie Physique (France) v62 p246-60 1965.

NCH-208 685 Field 7D, 20L, 20M

Myamlin, V. A.; Pleskov, Yu. V.
ELECTROCHEMISTRY OF SEMICONDUCTORS.
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Order from PLPC: $19.50

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NCH-208 706 Field 7D

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A STUDY OF THE DISSOCIATION MECHANISM OF PHENYL DERIVATIVES OF METHANE. 1967, 5p. ATS-89U99R.
Order from ATS: $6.00 as ATS-89U99R

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v40 n9 p2332-4 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 707 Field 7D

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THE EFFECTS OF AVERAGE MOLECULAR WEIGHT AND ITS DISTRIBUTION ON THE MECHANICAL PROPERTIES OF POLYPROPYLENE. 1967, 11p. ATS-08U100J.
Order from ATS: $14.80 as ATS-08U100J

Trans. of Kobunshi Kagaku (Japan) v23 n259 p799-805 1966.

NCH-208 716 Field 7D

Masiyanskii, G. N.; Bursian, N. R.; Barkan, S. A.
A STUDY OF PLATINUM CATALYST FOR THE ISOMERIZATION OF PARAFFINIC HYDROCARBONS. 1967, 8p. ATS-37U100R.
Order from ATS: $12.50 as ATS-37U100R

Trans. of Zhurnal Prikladnoi Khimii (USSR) v39 n3 p650-6 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 717 Field 7D, 7C

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HYDRODEALKYLATION OF TOLUENE AND ETHYLBENZENE ON ZEOLITE CaA. 1967, 6p. ATS-33U100R.
Order from ATS: $6.50 as ATS-33U100R

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For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 718 Field 7D

Bursian, N. R.; Volnukhina, N. K.
THE EFFECT OF SULFUR ON THE ACTIVITY OF A PLATINUM CATALYST IN THE ISOMERIZATION OF PENTANE. 1967, 6p. ATS-38U100R.
Order from ATS: $8.90 as ATS-38U100R

Trans. of Zhurnal Prikladnoi Khimii (USSR) v39 n3 p656-60 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 719 Field 7D, 7C

Minachev, Kh. M.; Isakov, Ya. I.
ALKYLATION OF MONOALKYL BENZENES WITH PROPYLENE ON SYNTHETIC ZEOLITES AT ATMOSPHERIC PRESSURE. 1967, 9p. ATS-32U100R.
Order from ATS: $12.40 as ATS-32U100R

Trans. of Neftekhimiya (USSR) v6 n5 p694-701 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 720 Field 7D

Fasman, A. B.; Isabekov, A.; Sokolskii, D. V.; Presnyakov, A. A.; and Chernousova, K. T.
MODIFICATION OF RANEY NICKEL CATALYSTS BY THE ADDITION OF TRANSITION METALS. PT. 3. THE ELECTROOXIDATION OF HYDROGEN AND CATALYTIC HYDROGENATION OVER RANEY NICKEL-PLATINUM ALLOYS. 1967, 8p. ATS-15U100R.
Order from ATS: $10.50 as ATS-15U100R

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v40 n9 p2086-93 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 723 Field 7D

Losev, I. P.; Khruleva, I. M.
SYNTHESIS OF STRONGLY BASIC MONOFUNCTIONAL WATER-SOLUBLE POLYELECTROLYTES. 1967, 5p. ATS-20U100R.
Order from ATS: $7.35 as ATS-20U100R

Trans. of Plasticheskie Massy (USSR) n1 p3-5 1967
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 733 Field 7D

Badalov, A. A.; Khasaev, A. M.
STRUCTURAL MECHANICAL PROPERTIES OF FOAM. 1967, 3p. ATS-51T98R.
Order from ATS: $4.50 as ATS-51T98R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Neft i Gaz (USSR) v9 n5 p32, 38 1966.

NCH-208 736 Field 7D

Pansevich-Kolyada, L. V.; Ermolenko, N. F.
THE CATALYTIC PROPERTIES OF CHROMIUM-CONTAINING ZEOLITES. 1967, 9p. ATS-35U100R.
Order from ATS: $14.85 as ATS-35U100R

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v40 n10 p2383-90 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 738 Field 7D

Polyakova, A. A.; Khmelnitskii, R. A.
MASS SPECTRA AND THE STRUCTURE OF HYDROCARBON MOLECULES. 1967, 34p. ATS-86U98R.
Order from ATS: $38.75 as ATS-86U98R

Trans. of Uspekhi Khimii (USSR) v35 n9 p1671-1702 1966.

NCH-208 748 Field 7D

Poltorak, O. M.; Boronin, V. S.
MITOHEDRIA AS A NEW METHOD OF STUDYING THE ACTIVE CENTERS OF CRYSTALLINE CATALYSTS. 1967, 18p. ATS-36U100R.
Order from ATS: $19.95 as ATS-36U100R

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v40 n11 p2671-87 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 789 Field 7D, 11F

Ivanov, E. G.; Opara, B. K.; Filippov, A. F.
OXIDATION RESISTANCE OF 20% Cr-80% Ni ALLOY CONTAINING LANTHANUM AND CERIUM. Nov 66, 4p (foreign text included) refs. INC-Trans-66/329.
Order from NLL

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v9 n7 p77-9 1966.

NCH-208 796 Field 7D

Sagoyan, L. N.
SINTERPLATE NICKEL-OXIDE ELECTRODE WITH PLASTICS BINDER. Nov 66, 5p (foreign text included). INC-Trans-66/340.
Order from NLL

Trans. of Zhurnal Prikladnoi Khimii (USSR) v39 n9 p2131-3 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 806 Field 7D, 11F

Sharipov, R. K.; Songina, O. A.
POLAROGRAPHIC DETERMINATION OF ZIRCONIUM AND NIOBIUM IN NICKEL-ALUMINIUM BASE ALLOYS. Dec 66, 2p (foreign text included) refs. INC-Trans-66/356.
Order from NLL

Trans. of Zavodskaya Laboratoriya (USSR) v32 n7 p806 1966.

NCH-208 810 Field 7D, 11F

Rodina, A. A.; Gurevich, M. A.; Stroeva, V. A.; Doronicheva, N. I.
CHANGES IN THE PROPERTIES OF PALLADIUM AND SOME PALLADIUM ALLOYS DURING REACTION WITH HYDROGEN. Dec 66, 9p (foreign text included) refs. INC-Trans-66/366.
Order from NLL

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v40 n9 p2046-52 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 816 Field 7D, 14B, 9E

Shvartser, L. I.; Milovanova, I. B.; Shirobokova, T. G.
AUTOMATION OF A LABORATORY INSTALLATION FOR THE EXTRACTION PURIFICATION OF NICKEL ELECTROLYTE. Dec 66, 3p (foreign text included) refs. INC-Trans-66/381.
Order from NLL

Trans. of Tsvetnye Metally (USSR) v39 n9 p40-1 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-20692 Field 7D, 7B

Muromtsev, B.
INVESTIGATION OF THE VAPOUR PRESSURE AND VAPOUR COMPOSITION OF THE BINARY SYSTEM: a) LEAD CHLORIDE/ZINC CHLORIDE AND b) TIN CHLORIDE/IRON CHLORIDE. CSIRO-Trans-8009.
Order from CSIRO as CSIRO-Trans-8009

Trans. of Zhurnal Obshchei Khimii (USSR) v16 n11 p1767-76 1946.

TT-67-21017 Field 7D

Azatyan, V.V.
DETERMINATION OF THE RATE CONSTANTS OF ELEMENTARY REACTIONS BY THE IGNITION LIMIT METHOD. 19p, 50refs. MTWL-1431.
Order from ETC or SLA: $1.60 as TT-67-21017

Trans. of Vsesoyuznoe Khimicheskoe Obshchestvo. Zhurnal (USSR) v11 n2 p162-8 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-61673 Field 7D, 20F, 20C

Shu Kwang-tze; Huang Shou-ling; Tang You-Chi Hu Jih-heng.
A SIMPLE EPR SPECTROMETER. 25 Jan 67, 15p, 12refs. FTD-TT-65-2010; AD-651 083.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 083

Edited trans. of Hua Hsueh Pao (Chinese People's Republic) v29 n4 p373-8 1963.

TT-67-61686 Field 7D

ELECTROCHEMISTRY, VOL. 1, 1964: SCIENCE SUMMARIES. Tr. by Leonard Shapiro. 1967, 8p.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61686

Abstract trans. of Itogi Nauki. Elektrokhimiya (USSR) v1 p1-7 1964.

TT-67-61703 Field 7D, 6A

Chernyak, V. Ya.
DETERMINATION OF MOLECULAR WEIGHT BY USING AN ANALYTICAL ULTRACENTRIFUGE. Tr. by Charles T. Ostertag, Jr. Apr 66, 10p, 5refs. ABL-Trans-1671; AD-651 169.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 169

Trans. of Biofizika (USSR) v9 n2 p239-41 1964.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-61765 Field 7D, 20B

Guha, S.
DIAMAGNETIC SUSCEPTIBILITY AND ANISOTROPY. Tr. by R. Zahradnik and C. Parkanyi. 1967, 10p, 18refs. BM-Trans-3220.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61765

Trans. of Chemicke Listy (Czechoslovakia) v60 n5 p605-15 1966.

TT-67-61767 Field 7D, 11E, 20M

Fedoseev, A. D.; Makarova, T. A.; Nesterchuk, N. I.; Kolmak, M. M.
HYDROTHERMAL SYNTHESIS OF FIBROUS SILICATES. 1967, 12p, 22refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61767

Trans. of mono. Silikaty i Oksisly v Khimii Vysokikh Temperatur, n.p., 1963 p198-208.
Silicates and Oxides in High-Temperature Chemistry.

E. Radio and radiation chemistry

NCH-208 742 Field 7E, 14E

Tomoda, Y.
PHOTOCHEMISTRY IN THE SOLID PHASE. PHOTOGRAPHY AND PHOTOSENSITIVE POLYMERS, 1967, 6p. ATS-30U99J.
Order from ATS: $8.85 as ATS-30U99J

Trans. of Fuji Shashin Fuirumu Kenkyu Hokoku (Japan) v11 p64-7 1963.

TT-67-20669 Field 7E, 3B

Balklav, A. L.
DETERMINING THE ACTUAL DISTRIBUTION OF RADIO-INTENSITY IN A LARGE SOURCE OF COSMIC RADIATION. CSIRO-Trans-8001.
Order from CSIRO as CSIRO-Trans-8001

Trans. of Akademiya Nauk Latviiskoi SSR, Riga. Izvestiya. Seriya Fizicheskikh i Tekhnicheskikh Nauk, n4 p47-51 1964.

TT-67-20670 Field 7E, 3B

Balklav, A. L.
SPECTRA OF SPATIAL FREQUENCIES OF RADIO-INTENSITY DISTRIBUTION IN A COSMIC SOURCE. CSIRO-Trans-8002.
Order from CSIRO as CSIRO-Trans-8002

Trans. of Akademiya Nauk Latviiskoi SSR, Riga. Izvestiya. Seriya Fizicheskikh i Tekhnicheskikh Nauk, n5 p19-29 1964.

08 EARTH SCIENCES AND OCEANOGRAPHY

TT-67-31488 Field 8-

EAST EUROPEAN SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 54. 2 May 67, 50p. JPRS-40845.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31488

A. Biological oceanography

NCH-208 093 Field 8A, 6C

Fedoseev, S. A.
CONCERNING THE RESERVES AND DISTRIBUTION OF THE PACIFIC OCEAN WALRUS (O Sostoyanii Zapasov i Raspredelenii Tikhookeanskovo Morzha). Nov 66, 14p, 7refs. RTS-3467.
Order from NLL: 15s as RTS-3467

Trans. of Zoologicheskii Zhurnal (USSR) v41 n7 p1083-8 1962.

TT-67-31530 Field 8A, 5C

Shabanov, A. N.; Torban, S. S.; Zherebchikov, V. I.; Izhevskii, G. K.; Bogdanov, M. A.
USSR FISHING INDUSTRY AND OCEANOGRAPHY: TRANSLATIONS NO. 1. 3 May 67, 20p. JPRS-40888.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31530

Trans. of Rybnoe Khozyaistvo (USSR) v41 n7 p7-10 1965: v42 n6 p43-9 1966 and Okeanologiya (USSR) v6 n6 p1104-5 1966.
For another listing of Okeanologiya (USSR) see TT v17 n10.

B. Cartography

TT-67-31485 Field 8B, 8I, 8G

Shapirovskii, N. I.; Sarkisov, G. A.; Makarov, V.
GEOLOGICAL MAPPING AND GAS-PETROLEUM DRILLING IN SEA REGIONS. 1 May 67, 18p. JPRS-40842.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31485

Trans. of Razvedka i Okhrana Nedr (USSR) n1 p44-8 1965 and Neftyanoe Khozyaistvo (USSR) n12 p62-5 1965.
For another listing of Razvedka i Okhrana Nedr (USSR). See TT v17 n10.

C. Dynamic oceanography

TT-66-51148 Field 8C, 8B

Zdanovich, V. G.
METHODS FOR STUDYING OCEAN CURRENTS BY AERIAL SURVEY. Tr. by A. Barouch. 1967, 219p, refs. SFCSI-NSF(TT-66-51148).
Order from CFSTI: $3.00 as TT-66-51148

Trans. of mono. Methody Izucheniya Morskikh Techenii s Samoleta, Moscow/Leningrad, 1964.

TT-67-61799 Field 8C

Shpaikher, A. O.; Moretskii, V. N.
THE POLAR HYDROLOGICAL FRONT IN THE GREENLAND AND NORWEGIAN SEAS (Polyarnyi Gidrologicheskii Front v Grenlandskom i Norvezhskom Moryakh). Tr. by M. Slessers, 1967, 16p, 11refs. NOO-Trans-342; AD-651 712.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 712

Trans. of Okeanologiya (USSR) v4 n2 p267-76 1964.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

F. Geography

TT-67-31517 Field 8F, 3A, 3B

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 102. 3 May 67, 17p. JPRS-40875.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31517

G. Geology and mineralogy

NCH-207 494 Field 8G

Shapoval, V. I.
PHYSICAL PROPERTIES OF THE SERPENTINITES OF THE MIDDLE POBUZPE REGION (Fizicheskie Svoistva Serpentinintov Raiona Srednego Pobuzhya). Jun 66, 9p, 3refs. RTS-3222.
Order from NLL: 12s 6d as RTS-3222

Trans. of Kompleksnye Geofiz. Issled. Territor. Ukrain. (sic) n4 p29-32 1963.

NCH-208 329 Field 8G, 8A

Kozlov, V. V.; Ponikarov, V. P.; Razvalyaev, A. V.; Sulid-Kondratev, E. D.; Faradzhev, V. A.
CRETACEOUS DEPOSITS OF SYRIA (Melove Otlozheniya Sirii). Dec 66, 15p, refs. RTS-3516
Order from NLL: L1 10s as RTS-3516

Trans. of Moskovskoe Obshchestvo Ispytatelei Prirody. Byulleten. Otdel Geologicheskii (USSR) v40 n3 p57-68 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 400 Field 8G, 20M, 20K

Baidyuk, B. V.
MECHANICAL PROPERTIES OF ROCKS AT HIGH TEMPERATURE AND PRESSURES. Jan 67, 75p.
Order from PLPC: $15.00

Trans. of Unidentified Russian language mono., n.p., n.d.

NCH-208 406 Field 8G, 20C

Parkhomenko, E. I.
ELECTRICAL PROPERTIES OF ROCKS. A Volume in the Monographs in Geoscience series. Feb 67, 310p.
Order from PLPC: $19.50

Trans. of Unidentified Russian language mono., n.p., n.d.

NCH-208 538 Field 8G, 7B, 6A

Hayek, E.
KNOWLEDGE ABOUT HYDROXYLAPATITE. 17 Mar 67, 18p. TC-3270.
Order from TC: $12.00 as TC-3270

Trans. of Monatshefte fuer Chemie (Austria) v82 p959-69 1951.

NCH-208 549 Field 8G

Sokolov, A. S.
BASIC RELATIONSHIPS IN THE GEOLOGIC STRUCTURE OF SEDIMENTARY DEPOSITS OF NATIVE SULFUR. 17 Mar 67, 46p. TC-3296.
Order from TC: $28.00 as TC-3296

Trans. of Sovetskaya Geologiya (USSR) v1 n5 p80-103 1958.

NCH-208 584 Field 8G

Bonel, G.; Montel, G.
A NEW CARBONATE-CONTAINING APATITE. 1967, 6p. TC-3325.
Order from TC: $5.00 as TC-3325

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v258 p923-6 1964 (pub. by Gauthier-Villars et Cie., Paris).

NCH-208 594 Field 8G

Murzaev, P. M.
NEW EXPLORATION CRITERIA FOR SULFUR DEPOSITS. 1967, 18p. TC-3366.
Order from TC: $16.00 as TC-3366

Trans. of Sovetskaya Geologiya (USSR) n5 p111-9 1964.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 696 Field 8G

Reitlinger, E. A.
UMBELLA OF THE EUROPEAN PART OF THE USSR AND TRANSCAUCASIA. 1967, 8p. ATS-75U100R.
Order from ATS: $14.85 as ATS-75U100R

Trans. of Akademiya Nauk SSSR. Institut Geologicheskikh Nauk. Trudy, n143 p213-9 1966.

NCH-208 697 Field 8G

Lomtadze, V. D.
STAGE OF DEVELOPMENT OF PROPERTIES OF ARGILLACEOUS ROCKS DURING THEIR LITHIFICATION. 1967, 6p. ATS-26U99R.
Order from ATS: $9.50 as ATS-26U99R

Trans. of Akademiya Nauk SSSR. Doklady, v102 n4 p819-22 1955.

NCH-208 725 Field 8G, 9B

Bongard, M. M.; Vaintsvaig, M. N.; Guberman, Sh. A.; Izvekova, M. L.; Smirnov, M. S.
UTILIZATION OF A COMPUTER GENERATING PROGRAM FOR THE IDENTIFICATION OF OIL BEARING STRATA. 1967, 10p. ATS-53U99R.
Order from ATS: $16.80 as ATS-53U99R

Trans. of Akademiya Nauk SSSR. Institut Geologii i Geofiziki, Novosibirsk. Trudy, n6 p96-105 1966.

NCH-208 726 Field 8G

Nikanorov, A. M.
CONDITIONS OF IODINE AND BROMINE ACCUMULATION AND PRESERVATION IN GROUND WATERS OF MESO-CENOZOIC SEDIMENTS IN EASTERN CISCAUCASIA. 1967, 8p. ATS-91U99R.
Order from ATS: $15.90 as ATS-91U99R

Trans. of Sovetskaya Geologiya (USSR) v9 n10 p102-10 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

NCH-208 731 Field 8G

Isaev, R. G.
DETERMINATION OF PARAMETERS OF A DEFORMED FRACTURED RESERVOIR FROM PRESSURE BUILD-UP CURVES. 1967, 7p.
ATS-04U99R.
Order from ATS: $9.15 as ATS-04U99R

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NCH-208 769 Field 8G, 8I, 5C, 13H

Seyer, P.
THE USE OF ECONOMIC PARAMETERS IN THE MECHANICAL PREPARATION OF ORES.
27 Apr 67. BISI-5268.
Order from BISI: $39.20 as BISI-5268

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TT-67-20137 Field 8G, 8N

Aparin, V. P.; Vlasov, A. Ya.
SOME QUESTIONS IN THE HISTORY OF THE GEOMAGNETIC FIELD AT THE END OF THE MIDDLE PALEOZOIC AND IN THE UPPER PALEOZOIC. Tr. by E. R. Hope. 9p, 7refs. DSIS-T-461-R.
Order from ETC: $1.10 as TT-67-20137

Trans. of mono. Nastoyashchee i Proshloe Magnitnogo Polia Zemli. Moscow, 1965 p213-20.

TT-67-31433 Field 8G, 3A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 101. 27 Apr 67, 25p. JPRS-40790.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31433

Abstract trans. of Tien Wen Hsueh Pao (Chinese People's Republic) v12 n2 p59-99 1964 and Chung Kuo Ti Chih (Chinese People's Republic) n4 33p; n9 33p; n11 33p; n12 33p 1963.

TT-67-31583 Field 8G, 11I, 9C

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 359. 8 May 67, 76p. JPRS-40941.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31583

TT-67-61756 Field 8G, 8K, 8F

Portniagin, E. A.
THE VITIM-BONIN DEEP TRANSVERSE SYSTEM.
Tr. by E. R. Hope. Nov 66, 11p, 18refs.
DSIS-T-466-R; AD-651 464.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 464

Trans. of Sovetskaya Geologiya (USSR) n7 p143-8 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-61757 Field 8G, 8K

Ladynin, A. V.
GRAVITY ANOMALIES IN THE GRAAFF-HUNTER REDUCTION AND CRUSTAL ISOSTASY, TRANSBAIKALIA. Tr. by E. R. Hope. Jan 67, 13p, 16refs.
DSIS-T-465-R; AD-651 465.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 465

Trans. of Geologiya i Geofizika (USSR) n3 p113-20 1966.

TT-67-61758 Field 8G, 8K

Reisner, G. I.
MULTI-DISCIPLINARY RESEARCH ON THE BAIKAL RIFT ZONE. (FIELD SESSION OF THE SCIENTIFIC COUNCIL). Tr. by E. R. Hope. Dec 66, 6p.
DSIS-T-472-R; AD-651 466.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 466

Trans. of Akademiya Nauk SSSR. Vestnik, n9 p112-4 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-61759 Field 8G, 17J, 8K

Bulmasov, A. P.
MAGNETIC AND GRAVITATIONAL FIELDS OF THE BAIKAL REGION AS RELATED TO ITS SEISMICITY.
Tr. by E. R. Hope. Mar 67, 45p, 42refs.
DSIS-T-435-R; AD-651 468.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 468

Trans. of Akademiya Nauk SSSR. Sovet po Seismologii. Byulleten, n10 p49-58 1960.

TT-67-61760 Field 8G

Pavlovski, E. V.
THE PROBLEM OF THE ORIGIN OF THE LAKE BAIKAL DEPRESSION. Tr. by E. R. Hope. Feb 67, 20p. DSIS-T-474-R; AD-651 469.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 469

Trans. of Priroda (USSR) n3 p19-31 1941.

TT-67-61761 Field 8G, 8K

Zorin, Yu. A.
THE DEEP STRUCTURE OF THE LAKE BAIKAL DEPRESSION ACCORDING TO GEOPHYSICAL FINDINGS AND THE QUESTION OF THE FORMATION

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 470

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Geologicheskaya, n7 p75-85 1966; and Geologiya i Geofizika (USSR) n8 p109-11 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

H. Hydrology and limnology

TT-67-61504 Field 8H, 6C

Joyon, L.; Lon, J.
ON THE ULTRASTRUCTURE OF COSTIA NECATRIX LECLERG (ZOOFLAGELLATA) AND SYSTEMATIC POSITION OF THIS PROTIST. 1966, 3p, 17refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61504

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TT-67-61798 Field 8H

Ray, I. A.; Bondar, K.
TURBIDITY, TRANSPARENCY AND COLOR OF WATER IN ESTUARY AREA (Mutnost, Prozrachnost i Tsvet vod Vzmorya). Tr. by M. Slessers. 1967, 13p. NOO-Trans-258; AD-651 708.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 708

Trans. of mono. Gidrologiya Ustevoi Oblasti Dunaya, Moscow, 1963 p326-32.

I. Mining engineering

NCH-208 528 Field 8I

Stradymov, P. K.
DETERMINATION OF RESERVOIR PRESSURE WITHOUT SHUTTING IN THE OIL WELL. 17 Mar 67, 11p. TC-3252.
Order from TC: $9.00 as TC-3252

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Neft i Gaz (USSR) v9 n3 p45-50 1966.

NCH-208 700 Field 8I

Feodorovich, G. P.; Yanush, E. F.; Dzyurak, M. D.; Gritsishin, V. I.
A STUDY OF FRACTURED RESERVOIRS IN THE REGION OF CIS-CARPATHIA BY MEANS OF WELL LOGGING. 1967, 4p. ATS-75U99R.
Order from ATS: $5.75 as ATS-75U99R

Trans. from Geologiya i Geofizika (USSR) 1966.

NCH-208 752 Field 8I, 18B

Konoplev, Yu. V.; Kitsenko, Yu. A.
THE POSSIBILITY OF USING RADIOACTIVE PULSE METHODS OF INVESTIGATION IN LOCATING FLOODED ZONES IN GAS AND GAS-CONDENSATE FIELDS. 1967, 8p. ATS-85T97R.
Order from ATS: $12.50 as ATS-85T97R

Trans. of Gazovaya Promyshlennost (USSR) v11 n6 p5-9 1966.

TT-67-20497 Field 8I, 7B

Ivanov, S. N.
EXTRACTION OF PLATINUM WITH VARIOUS ALIPHATIC AMINES. 16p. CSIR-tr-590.
Order from CSIR as CSIR-tr-590

Trans. of Akademiya Nauk SSSR. Sibirskoe Otdelenie. Izvestiya, n7 Seriya Khimicheskikh Nauk, n2 p35-43 1964.

TT-67-31556 Field 8I, 10B, 13H

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 358. 5 May 67, 51p. JPRS-40914.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31556

J. Physical oceanography

TT-66-51028 Field 8J, 8C

Sysoev, N. N., ed.
METHODS AND INSTRUMENTS FOR OCEANOGRAPHIC RESEARCH (Metody i Pribory dlya Okeanologicheskikh Issledovanii). 1967, 192p, refs. SFCSI-Comm(TT-66-51028).
Order from CFSTI: $3.00 as TT-66-51028

Trans. of Akademiya Nauk SSSR. Institut Okeanologii. Trudy, v55 1962.

TT-67-20742 Field 8J, 8C

Yochida, S.
SHORT TERM VARIATIONS IN THE KUROSHIO OR BLACK TIDE CURRENT: REPT. CSIRO-Trans-7991.
Order from CSIRO as CSIRO-Trans-7991

Trans. of Suiro Yoho (Japan) n65 p1-18 1961.

TT-67-31434 Field 8J, 8A

Dimont, B.
FRENCH BATHYSCAPE DEPARTS FOR JAPAN. 27 Apr 67, 9p. JPRS-40791.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31434

Trans. of Air et Cosmos (France) n190 p22-3 1967.

TT-67-31532 Field 8J, 20A

Volovova, L. A.; Zhitkovskii, Yu. Yu.; Volovov, V. I.
MEASURING OCEAN BOTTOM IRREGULARITIES. 4 May 67, 21p. JPRS-40890.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31532

Trans. of Okeanologiya (USSR) n6 p1080-90 1966.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-61718 Field 8J

Stepanov, V. N.
A STUDY OF THE MAIN REGULARITIES IN THE WATER STRUCTURE OF THE WORLD OCEAN (K Izucheniyu Osnovnykh Zakonomernostei Struktury Vod Mirovogo Okeana). Tr. by M. Slessers. 1967, 13p, 6refs. NOO-Trans-286; AD-651 199.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 199

Trans. of Okeanologicheskie Issledovaniya (USSR) n13 p9-16 1965.

TT-67-61719 Field 8J

Rozanov, A. G.; Bykova, V. S.
DISTRIBUTION OF NITRATES AND NITRITES IN THE WATER OF NORTH INDIAN OCEAN (Raspredelenie i Nitritov v Vode Severnoi Chasti Indiiskogo Okeana). Tr. by M. Slessers. 1967, 13p, 13refs. NOO-Trans-323; AD-651 200.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 200

Trans. of Akademiya Nauk SSSR. Institut Okeanologii. Trudy, v64 p94-101 1964.

TT-67-61774 Field 8J

Kort, V. G., ed.
THE PACIFIC OCEAN. VOLUME III. CHEMISTRY OF THE PACIFIC OCEAN. Tr. by Irene Evans. 1966, 464p, refs. AD-651 498.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 498

Trans. of Unidentified mono., Moscow, 1966 350p. Contract N62306-2154.

TT-67-61801 Field 8J

Radzikhovskaya, M. A.
BASIC FEATURES OF WATER STRUCTURE IN THE NORTH PACIFIC OCEAN (Osnovnye Cherty Strukury vod Severnoi Chasti Tikhogo Okeana). Tr. by M. Slessers. 1967, 9p, 2refs. NOO-Trans-288; AD-651 709.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 709

Trans. of Okeanologicheskie Issledovaniya (USSR) n13 p41-6 1965.

K. Seismology

NCH-208 401 Field 8K, 20N

Andrianova, Z. S.; Neigauz, M. G.; Keilis-Borok, V. I.; Levshin, A. L.
SEISMIC LOVE WAVES. Feb 67, 91p.
Order from PLPC: $15.00

Trans. of Unidentified Russian language mono., n.p., n.d.

NCH-208 403 Field 8K

Zverev, S. M.
PROBLEMS IN DEEP SEISMIC SOUNDING. Tr. by T. Jefferson Smith. Mar 67, 166p.
Order from PLPC: $22.50

Trans. of Unidentified Russian language mono., n.p., n.d.

M. Soil mechanics

TT-67-20677 Field 8M, 13M

Muller, R.
STATISTICAL THEORY OF THE DISTRIBUTION OF STRESSES IN A GRANULAR SOIL FOUNDATION. CSIRO-Trans-7972.
Order from CSIRO as CSIRO-Trans-7972

Trans. of Osnovaniya, Fundamenty i Mekhanika Gruntov (USSR) v4 n4 p4-6 1962.

TT-67-20693 Field 8M

Kandaurov, I.
THEORY OF STRESS DISTRIBUTION IN A GRANULAR SOIL FOUNDATION. CSIRO-Trans-7993.
Order from CSIRO as CSIRO-Trans-7993

Trans. of Osnovaniya, Fundamenty i Mekhanika Gruntov (USSR) v2 n4 p6-9 1960.

09 ELECTRONICS AND ELECTRICAL ENGINEERING

A. Components

NCH-207 865 Field 9A, 7D

Tomassi, W.; Gierak, A.
COUPLING OF ELECTROLYTIC PROCESSES THROUGH A BILATERAL POWDER ELECTRODE. VI. THE EFFECT OF ACTIVE CHARCOAL PROPERTIES ON THE PERFORMANCE OF THE ELECTRODE. 5 Dec 66, 8p. TC-3044.
Order from TC: $7.00 as TC-3044

Trans. of Przeglad Chemiczny (Poland) v45 n4 p183-6 1966.

NCH-208 693 Field 9A

Legler, W.
STATISTICS OF ELECTRON AVALANCHES. 1967, 17p. ATS-46T98G.
Order from ATS: $32.00 as ATS-46T98G

Trans. of Zeitschrift fuer Physik (West Germany) v140 p221-40 1955.

TT-67-20998 Field 9A, 9C

Higashiguchi, M.
APPROXIMATION OF THE TRANSFER CHARACTERISTIC OF THE PARALLEL-T RC NETWORK. 18p, 18refs. RAE-Lib-Trans-1193.
Order from ETC or SLA: $1.60 as TT-67-20998

Trans. of Denki Tsushin Gakkai Zasshi (Japan) v40 p541-6 1957.

TT-67-60641 Field 9A, 13L

Berger, K.; Meister, H.; Montmollin, G. de; Weissenberger, G.
TELEPHONE AND SIGNAL CABLES WITH INCREASED LIGHTNING SAFETY. 1967, 22p, 9refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-60641

Trans. of Schweizerischer Elektrotechnischer Verein. Bulletin, v56 n13 p493-507 1965.

B. Computers

TT-67-61684 Field 9B

INTERNATIONAL STANDARDS ORGANIZATION. ISO TECHNICAL COMMITTEE NO. 97. SUB-COMMITTEE NO. 2 ON SERIES OF CHARACTERS AND CODING. Tr. by Judith Marcus. 1967, 17p.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61684

Trans. of Reunion de Paris, 25 Apr 66. Rapport, n.p., n.d.

C. Electronic and electrical engineering

TT-67-31465 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 86. 1 May 67, 25p. JPRS-40822.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31465

Trans. of Wu Hsien Tien (Chinese People's Republic) n2 24p; n6 24p 1961.

TT-67-31468 Field 9C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 87. 1 May 67, 97p. JPRS-40825.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31468

Abstract trans. of Tien Shih Chieh (Chinese People's Republic) v16 n11 p401-39 1963: v17 n4 p121-59: n5 p161-99 1964: v18 n12 p441-79 1965.

TT-67-31496 Field 9C

USSR SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 69. 2 May 67, 118p. JPRS-40853.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31496

TT-67-31570 Field 9C

Zelentsov, V.
NEW ELECTRONIC DIGITAL MEASURING DEVICES DESIGNED. 8 May 67, 11p. JPRS-40928.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31570

Trans. of Nauchno-Tekhnicheskie Obshchestva SSSR, n1 p54-7 1967.

TT-67-31575 Field 9C

Milovski, T. P.; Heinze, R.
EAST EUROPEAN ELECTRONIC AND PRECISION EQUIPMENT INDUSTRIES: TRANSLATIONS NO. 12. 8 May 67, 13p. JPRS-40933.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31575

Trans. of Radio i Televiziya (Bulgaria) v16 n2 p34-5 1967 and die Wirtschaft Berlin (East Germany) n9 p17 1967.

TT-67-31598 Field 9C, 6D

Bogolepov, V.
CYBERNETICS IN THE SYSTEM OF CONTROL SCIENCES. 9 May 67, 7p. JPRS-40956.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31598

Trans. from Ekonomicheskaya Gazeta (USSR) n15 p19 1967.

D. Information theory

TT-67-31464 Field 9D

PROBLEMS OF INFORMATION TRANSMISSION, VOL. 3, NO. 1, 1967. 1 May 67, 130p, refs. JPRS-40821.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31464

Trans. of Problemy Peredachi Informatsii (USSR) v3 n1 p3-87 1967.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-31501 Field 9D, 6D, 9B, 12B

EAST EUROPEAN SCIENTIFIC ABSTRACTS: CYBERNETICS, COMPUTERS AND AUTOMATION TECHNOLOGY NO. 25. 2 May 67, 27p. JPRS-40858.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31501

TT-67-31646 Field 9D, 6D, 12B

USSR SCIENTIFIC ABSTRACTS: CYBERNETICS, COMPUTERS AND AUTOMATION TECHNOLOGY NO. 41. 12 May 67, 47p. JPRS-41004.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31646

E. Subsystems

TT-67-20501 Field 9E

Dorf, G. A.
RRRV IN POWER SYSTEMS AND REQUIREMENTS OF 110-220 KV CIRCUIT-BREAKERS. CE-Trans-4401.
Order from CEGB as CE-Trans-4401

Trans. of Elektricheskie Stantsii (USSR) v36 n11 p54-9 1965.

TT-67-20503 Field 9E

Szymik, F.
VIBRATIONS OF CONDUCTORS IN OVERHEAD LINES. CE-Trans-4394.
Order from CEGB as CE-Trans-4394

Trans. of Energetyka (Poland) v19 n11 p332-6 1965.

TT-67-31448 Field 9E, 9A, 14B

Foldi, P.
CONFERENCE ON PRODUCTION OF VARIOUS TYPES OF TUBES, SEMICONDUCTORS, AND SELENIUM RECTIFIERS. 28 Apr 67, 8p. JPRS-40805.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31448

Trans. of Finommechanika (Hungary) v6 n3 p94-5 1967.

TT-67-31586 Field 9E, 9A, 20N

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ELECTRONICS AND ELECTRICAL ENGINEERING NO. 88. 9 May 67, 60p. JPRS-40944.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31586

10 ENERGY CONVERSION (NON-PROPULSIVE)

A. Conversion techniques

NCH-208 453 Field 10A

Bolte, W.
SIMULATION OF STEAM-TURBINE GOVERNING ON AN ANALOGUE COMPUTER. 16 Feb 67. BSRA-2525.
Order from BSRA: L5 as BSRA-2525

Trans. of Brennstoff-Waerme-Kraft (West Germany) v17 p441ff 1965.

TT-67-20748 Field 10A

Manikina, N. N.; Kostrikina, E. Yu.; Stavitskii, Ya. A.
THE SCAVENGING OF TURBINE BLADING WITH HYDRAZINE HYDRATE. CE-Trans-4357.
Order from CEGB as CE-Trans-4357

Trans. of Elektricheskie Stantsii (USSR) v36 n10 p32-4 1965.

TT-67-21071 Field 10A

Lamberg, B. A.
CALCULATION OF TEMPERATURE STRESSES IN A SEAMLESS FORGED STEAM-TURBINE ROTOR. CE-Trans-4438.
Order from CEGB as CE-Trans-4438

Trans. of Energomashinostroenie (USSR) v12 n1 p22-5 1966.

TT-67-31552 Field 10A

Klimenko, G. A.; Barabanov, B. P.; Ionov, V. Ya.
USSR INDUSTRIAL DEVELOPMENT: ELECTRIC POWER, POWER MACHINERY, AND ELECTRICAL EQUIPMENT NO. 51. 5 May 67, 18p. JPRS-40910.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31552

Trans. of Energetika i Elektrifikatsiya (USSR) n1 p6-7, 18-9 1967 and Elektricheskie Stantsii (USSR) n3 p6-8 1967.

TT-67-31602 Field 10A

USSR INDUSTRIAL DEVELOPMENT: ELECTRIC POWER, POWER MACHINERY, AND ELECTRICAL EQUIPMENT NO. 52. 9 May 67, 25p. JPRS-40960.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31602

Trans. of Teploenergetika (USSR) n4 p2-5 1967 and Energetik (USSR) n3 p1-4 1967.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-31617 Field 10A

USSR INDUSTRIAL DEVELOPMENT: ELECTRIC POWER, POWER MACHINERY, AND ELECTRICAL EQUIPMENT NO. 53. 10 May 67, 26p. JPRS-40975.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31617

B. Power sources

TT-67-31650 Field 10B

Jakovljevic, P.
EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 362. The Djerdap Hydroelectric Power and Navigation System. 15 May 67, 35p. JPRS-41008.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31650

Trans. of Izgradnja (Yugoslavia) n3 p1-17 1967.

TT-67-61768 Field 10B, 9A, 9I, 9C

Hylten-Cavallius, N.; Annestrand, S.
FLASH-OVER VOLTAGE IN FEED CABLES IN HIGH TENSION SWITCHING INSTALLATIONS. 1967, 7p, 1refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61768

Trans. of Elteknik (Sweden) p5-7 1966.

11 MATERIALS

A. Adhesives and seals

TT-67-61646 Field 11A

Andreevskaya, G. D.
OPTICAL METHOD OF DETERMINING THE ADHESION AND STRESSES ORIGINATING IN ADHESIVES. 1967. 5p, refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61646

Trans. of mono. High-strength Oriented Glass-Plastics, Moscow, 1966 p176-9.

B. Ceramics, refractories and glasses

NCH-208 581 Field 11B, 13H

Jebsen-Marwedel, H.
THE JOINTS OF TANK BLOCKS AS A POINT OF ATTACK ON THE BEARING SURFACE. Feb 67. BGIRA-679.
Order from BGIRA as BGIRA-679

Trans. of Glastechnische Berichte (West Germany) v26 n5 p150-1 1953.

NCH-208 582 Field 11B, 7B, 13H

Poegel, H. J.
THE INFLUENCE OF ALKALINE EARTH OXIDES ON THE VISCOSITY AND STRUCTURE OF GLASS MELTS. Feb 67. BGIRA-680.
Order from BGIRA as BGIRA-680

Trans. of Glas-Email-Keramo-Technik (West Germany) v17 n5 p172-6 1966.

NCH-208 670 Field 11B

Vogel, W.
SEPARATION PHENOMENA, NUCLEATION, AND CRYSTALLIZATION IN GLASS. 14 Apr 67, 27p. IICH-9113.
Order from IICH: $27.00 as IICH-9113

Trans. of Silikat Technik (East Germany) v16 p152-8 1965.

NCH-208 744 Field 11B

Heimke, G.
EFFECT OF WATER VAPOR ON THE REACTIONS OF HARD-MAGNETIC FERRITES. 1967, 8p. ATS-88U99R.
Order from ATS: $11.95 as ATS-88U99G

Trans. of Deutsche Keramische Gesellschaft. Berichte (West Germany) v43 n10 p600-4 1966.

TT-67-20500 Field 11B

Yamauchi, S.
UTILIZATION OF BAHCO TYPE CLASSIFIER (III) IN MIXING FLY-ASH CEMENT. CE-Trans-4388.
Order from CEGB as CE-Trans-4388

Trans. of Nagoya Kogyo Gijutsu Shikensho Hokoku (Japan) v14 p152-8 1965.

TT-67-20678 Field 11B, 13H, 11F

Mircea, S.
PITCH- AND TAR-BOUND DOLOMITE BLOCKS FOR LINING BLOWN-OXYGEN CONVERTERS. CSIRO-Trans-8041.
Order from CSIRO as CSIRO-Trans-8041

Trans. of Academia Republicii Populare Romine. Centrul de Cercetari Metalurgice. Studii si Cercertari de Metalurgie (Rumania) n7 p273-91 1965.

TT-67-61661 Field 11B, 20K

Morain, M.; Acloque, P.
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NCH-208 548 Field 11F, 13H

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NCH-208 610 Field 11F, 20K

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NCH-208 613 Field 11F, 13H, 7D

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NCH-208 626 Field 11F, 20K

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NCH-208 627 Field 11F, 20K

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NCH-208 766 Field 11F, 20K

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NCH-208 768 Field 11F, 13H

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NCH-208 770 Field 11F, 20F, 7B, 7D

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NCH-208 777 Field 11F

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NCH-208 783 Field 11F, 7D

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NCH-208 786 Field 11F

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NCH-208 787 Field 11F

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NCH-208 788 Field 11F

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NCH-208 792 Field 11F

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NCH-208 793 Field 11F, 7B

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INC-Trans-66/334.
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NCH-208 798 Field 11F, 20B

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NCH-208 799 Field 11F, 13H, 20B

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INC-Trans-66/344.
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NCH-208 800 Field 11F

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NCH-208 801 Field 11F, 7B

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NCH-208 803 Field 11F, 13H

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NCH-208 804 Field 11F, 7D

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NCH-208 805 Field 11F, 7D

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NCH-208 808 Field 11F, 20F

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INC-Trans-66/360.
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NCH-208 811 Field 11F, 13H

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NCH-208 812 Field 11F, 11C, 13H, 11A

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NCH-208 813 Field 11F, 13I

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EFFECT OF STEEL COMPOSITION ON LIFE OF GEAR TRANSMISSIONS. Dec 66, 10p (foreign text included) refs. INC-Trans-66/374.
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NCH-208 814 Field 11F, 7D, 20F

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NCH-208 815 Field 11F, 13H

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NCH-208 817 Field 11F, 11C, 8J

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NCH-208 818 Field 11F, 20K, 11K, 13I

Voinov, B. A.; Gedberg, M. G.
CHOICE OF WHITE CAST IRONS FOR OPERATION UNDER ABRASIVE WEAR CONDITIONS. Dec 66, 6p (foreign text included) refs. INC-Trans-66/391.
Order from NLL

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

NCH-208 823 Field 11F

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TT-67-20225 Field 11F, 13H, 20K

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TT-67-20498 Field 11F, 13H, 7A

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TT-67-21072 Field 11F

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TT-67-31429 Field 11F, 13H

USSR SCIENTIFIC ABSTRACTS: MATERIALS SCIENCE AND METALLURGY NO. 28. 27 Apr 67, 114p. JPRS-40786.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31429

TT-67-31439 Field 11F, 13H, 11H

USSR SCIENTIFIC ABSTRACTS: MATERIALS SCIENCE AND METALLURGY NO. 29 Apr 67, 51p. JPRS-40796.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31439

TT-67-31518 Field 11F, 13H

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: MATERIALS SCIENCE AND METALLURGY NO. 25. 3 May 67, 22p. JPRS-40876.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31518

TT-67-31618 Field 11F, 13H

USSR INDUSTRIAL DEVELOPMENT: METALLURGY AND MINERALS NO. 49. 10 May 67, 14p. JPRS-40976.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31618

TT-67-31632 Field 11F

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31632

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Tikhomirov, V. B.
APPROPRIATE STRUCTURE OF NONWOVEN BONDED MATERIALS. 1967, 3p. TC-3326.
Order from TC: $4.00 as TC-3326

Trans. of Akademiya Nauk SSSR. Doklady, v168 n5 p1123-4 1966.

TT-67-20728 Field 11G, 11E, 7D

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CSIRO-Trans-7728.
Order from CSIRO as CSIRO-Trans-7728

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H. Oils, lubricants, and hydraulic fluids

NCH-208 694 Field 11H, 11K

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I. Plastics

NCH-208 559 Field 11I

Jablonski, H.
HOMOPOLYMERIZATION OF ISOCYANATES. 17 Mar 67, 14p. TC-3311.
Order from TC: $12.00 as TC-3311

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NCH-208 595 Field 11I, 13K

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Order from TC: $8.50 as TC-3369

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TT-67-61692 Field 11I, 13K, 13B

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J. Rubbers

NCH-208 246 Field 11J

Czyzewicz, J.
NEW SYNTHETIC RUBBER-CHLOROSULFONATED POLYETHYLENE, PT. II. 1967, 10p. TC-3418.
Order from TC: $9.00 as TC-3418

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NCH-208 553 Field 11J

Czyzewicz, J.
NEW SYNTHETIC RUBBER: CHLOROSULFONATED POLYETHYLENE. 17 Mar 67, 22p. TC-3304.
Order from TC: $18.00 as TC-3304

Trans. of Polimery (Poland) v6 n9 p273-7 1961.

K. Solvents, cleaners and abrasives

NCH-207 880 Field 11K

Fukazawa, A.
STUDIES ON THE ELECTROLYTIC MANUFACTURE OF MAGNESIUM BLEACHING POWDER FROM BITTERNS UTILIZING A LEAD PEROXIDE ELECTRODE. I: THE ELECTROLYSIS OF BITTERN WITHOUT THE ADDITION OF ALKALI. 5 Dec 66, 27p. TC-3069.
Order from TC: $23.00 as TC-3069

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NCH-207 381 Field 11K

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L. Wood and paper products

NCH-208 593 Field 11L

Kusak, M.
PRACTICAL USES OF POLYETHYLENE IMINE RESINS IN PAPERMAKING. 1967, 18p. TC-3355.
Order from TC: $16.00 as TC-3355

Trans. of Papir a Celulosa (Czechoslovakia) v5 p129-33 1964.

NCH-208 599 Field 11L, 11K

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BLEACHING WITH A MIXTURE OF CHLORINE DIOXIDE AND CHLORINE. 1967, 11p. TC-3387.
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TT-67-61695 Field 11L, 13M, 13L

Kollman, F.
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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61695

Trans. of Holz-Zentralblatt (West Germany) v92 n64/65 p1199-1201 1966.

12 MATHEMATICAL SCIENCES

A. Mathematics and statistics

TT-67-31546 Field 12A, 20-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 109. 4 May 67, 27p. JPRS-40904.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31545

TT-67-61681 Field 12A, 9B

Aizerman, M. A.; Braverman, E. M.; Rozonoer, L. I.
METHOD OF POTENTIAL FUNCTIONS IN THE PROBLEM OF RECONSTRUCTION OF THE CHARACTERISTIC OF A FUNCTIONAL CONVERTER ACCORDING TO RANDOMLY OBSERVED POINTS (Metod Potentsialnykh Funktsii v Zadache o Vosstanovlenii Kharakteristiki Funksionalnogo Preobrazovatelya po Sluchnaino Nablyudaemym Tochkam). 20 Feb 67, 23p, 4refs. FTD-MT-64-534; AD-651 091.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 091

Edited machine trans. of Problema Rasshireniya Vozmozhnostei Avtomatov (sic) n3 23p 1964.

TT-67-61690 Field 12A

Sheinin, O. B.
HISTORY OF EVALUATIONS OF DIRECT MEASUREMENTS AND LAW OF RANDOM ERROR DISTRIBUTION. 1967, 25p, refs. JPRS-R-7025-D.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61690

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TT-67-61729 Field 12A

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ON THE SOLUTION OF BOUNDARY PROBLEMS BY THE METHOD OF FINITE DIFFERENCES. Tr. by C. W. Cryer. Dec 66, 11p, 6refs. MRC-TSR-715; AD-651 249.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 249

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13 MECHANICAL, INDUSTRIAL, CIVIL, AND MARINE ENGINEERING

A. Air conditioning, heating, lighting and ventilating

NCH-208 421 Field 13A, 20M

Kitaev, B. I.; Yaroshenko, Yu. G.; Suchkov, V. D.
HEAT EXCHANGE IN SHAFT FURNACE. Tr. by M. Page. Jul 67, 288p.
Order from PP: $10.00

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NCH-208 623 Field 13A, 11F

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REDUCTION OF A MIXTURE OF ORE AND COKE BY MEANS OF A HYDROGEN + CARBON MONOXIDE + NITROGEN MIXTURE. Mar 67, 500wds. HB-7130.
Order from HB: $3.30 as HB-7130

Trans. of Tetsu to Hagane (Japan) v52 n11 p20 1966. Lecture no. 48.

NCH-208 624 Field 13A, 13H

Ando, H.; Sato, N.; Fukutake, T.
SOME CONSIDERATIONS RELATING TO BLAST FURNACE AUTOMATION. Pt. 3 of "An Examination of Blast Furnace Operation". Mar 67, 500wds. HB-7054.
Order from HB: $3.30 as HB-7054

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NCH-208 628 Field 13A, 11F, 20M

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Order from HB: $3.30 as HB-7131

Trans. of Tetsu to Hagane (Japan) v52 n11 p22 1966. Lecture no. 56.

NCH-208 825 Field 13A, 7B, 8J, 13J

Reckling, A.; Pries, H.
FRESH WARER PRODUCTION FROM SEA WATER. A COMPILATION OF THE MOST USUAL EVAPORATOR TYPES IN SHIP-BUILDING, THEIR OPERATION AND DESIGN CHARACTERISTICS (Frischwassererzeugung aus Seewasser). Jan 67, 13p (foreign text included). INC-Trans-66/364.
Order from NLL

Trans. of Hansa (West Germany) v103 p1720-5 1966.

TT-67-21076 Field 13A, 21D

Zemlyanskii, G. I.
THE CONVERSION OF BOILERS TO NATURAL GAS FIRING. CE-Trans-4436.
Order from CEGB as CE-Trans-4436

Trans. of Elektricheskie Stantsii (USSR) v29 n5 p17-28 1958.

B. Civil engineering

NCH-208 587 Field 13B

Petrachkov, F. A.
PURIFICATION OF AIR AND EXHAUST GASES FROM THE VAPORS OF MERCURY AND ITS DERIVATIVES. 1967, 5p. TC-3343.
Order from TC: $5.50 as TC-3343

Trans. of Khimicheskaya Promyshlennost (USSR) n4 p301-2 1964.

NCH-208 735 Field 13B

Matveev, M. S.
BIOLOGICAL TREATMENT OF PETROLEUM REFINERY WASTE WATERS. 1967, 5p. ATS-89U98R.
Order from ATS: $8.75 as ATS-89U98R

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-66-51033/3 Field 13B, 6J, 6R, 5I

HYGIENE AND SANITATION, VOL. 30, NO. 7-9, 1965. Tr. by N. Kaner. 1967, 495p, refs. SFCSI-HEW(TT-66-51033/3).
Order from CFSTI: $3.00 as TT-66-51033/3

Trans. of Gigiena i Sanitariya (USSR) v30 n7; n8; n9 1965.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-66-51159/12 Field 13B, 4B

STAUB REINHALTUNG DER LUFT IN ENGLISH, VOL. 26, NO. 12, 1966. Hygiene Effects and Control of Dusts, Fogs, Gases, Vapors, Radioactive Particles. Tr. by D. Ben-Yaakov. 1966, 61p, refs. SFCSI-HEW(TT-66-51159/12).
Order from CFSTI: $3.00 as TT-66-51159/12

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For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-61629 Field 13B

Baratov, E. I.; Chernyak, V. P.
WATER SUPPLY SERVICE AND SANITARY ENGINEERING (Vodosnabzhenie Sabutarnaya Tekhbikaz). Apr 67, 11p, 3refs. AERDL-T-1900-67; AD-650 906.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-650 906

Trans. of Vodosnabzhenie i Sanitarnaya Tekhnika (USSR) n12 p10-2 1965.
Contract DA44-009-AMC-1563(T).

TT-67-61775 Field 13B, 13H

Haberski, A.
PROTECTION AGAINST AIR POLLUTION BY IMPURITIES RELEASED FROM COKING PLANTS (Ochrona Atmosfery Przed Zanieczyszczeniami Emitowanymi Przez Koksownie). 1967, 21p, 14refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61775

Trans. of Koks, Smola, Gaz (Poland) v11 n1 p25-33 1966.

C. Construction equipment, materials and supplies

NCH-208 557 Field 13C

Du Bois, P.
THE TEMPERATURE OF ASPHALT BITUMEN DURING THE TRANSITION INTO THE GLASSY STATE. 17 Mar 67, 6p. TC-3309.
Order from TC: $6.00 as TC-3309

Trans. of Bitumen, Teere, Asphalte, Peche und Verwandte Stoffe (West Germany) v17 p254-5 1966.

NCH-208 790 Field 13C, 20K

Peter, H.
A CONTRIBUTION TO WEAR PROBLEMS ENCOUNTERED IN THE CEMENT INDUSTRY (Ein Beitrag zum Verschleibproblem in der Sementindustrie). Nov 66, 12p (foreign text included) refs.

INC-Trans-66/331.
Order from NLL

Trans. of Zement-Kalk-Gips (West Germany) p344-50 1965.

NCH-208 791 Field 13C, 20K

Peter, H.
THE TESTING OF WEAR-RESISTANT MATERIALS FOR CEMENT TUBE MILLS (Pruefung Verschleibfester Werkstoffe fuer Zementrohrmuehlen). Nov 66, 9p (foreign text included) refs. INC-Trans-66/332.
Order from NLL

Trans. of Zement-Kalk-Gips (West Germany) n8 p354-60 1966.

TT-67-21015 Field 13C, 13F, 9B

Tabakman, I. B.
COMPUTER PROGRAMMING OF TRANSPORT OPERATIONS. CSIR-tr-604.
Order from CSIR as CSIR-tr-604

Trans. of Gornyi Zhurnal (USSR) n6 p20-2 1966.

TT-67-31427 Field 13C

Bakuma, P. F.; Shkinev, A. N.; Krangachev, F.; Kyazimov, A.
USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 77. 27 Apr 67, 28p. JPRS-40784.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31427

Trans. of Byulleten Stroitelnoi Tekhniki (USSR) n1 p1-8, 27-9 1967 and from Trud, Moscow (USSR) 6 Jan p2 1967.

TT-67-31431 Field 13C

Ilin, S. L.; Kantor, F. M.; Kubarev, A. I.
USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 78. 27 Apr 67, 24p, 4refs. JPRS-40788.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31431

Trans. of Stroitelnye Materialy (USSR) n2 p4-5 1967 and Stroitelnye i Dorozhnye Mashiny (USSR) n2 p1-3, 33 1967.

TT-67-31507 Field 13C, 13H, 11F

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: MATERIALS SCIENCE AND METALLURGY NO. 24. 2 May 67, 26p. JPRS-40865.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31507

TT-67-31524 Field 13C

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 79. 3 May 67, 29p. JPRS-40882.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31524

F. Ground transportation equipment

TT-67-31414 Field 13F, 5C

EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 521. 26 Apr 67, 30p. JPRS-40771.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31414

TT-67-31452 Field 13F, 2C

Izotov, A. E.; Kanash, S.
USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 49. 1 May 67, 15p. JPRS-40809.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31452

Trans. of Traktory i Selkhozmashiny (USSR) n1 p1-2 1967 and Selskaya Zhizn (USSR) 14 Mar p3 1967.

TT-67-31558 Field 13F, 5K, 5C

EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 523. 5 May 67, 32p. JPRS-40916.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31558

TT-67-31664 Field 13F, 13I

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 88.
15 May 67, 57p. JPRS-41022.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31664

Abstract trans. of Ch-i Ch'e (Chinese People's Republic) n2 p2-40; n6 p2-56 1966 and Shang Hai Chi Hsieh (Chinese People's Republic) n5 p1-43; n4 p1-43 1963.

G. Hydraulic and pneumatic equipment

NCH-208 424 Field 13G, 13H

Aizerman, M. A.
PNEUMATIC AND HYDRAULIC CONTROL SYSTEMS, VOL. 1. Tr. by P. Linnik. Feb 67, 416p.
Order from PP: $18.50

Trans. of Unidentified Russian language mono., n.p., n.d.

NCH-208 687 Field 13G, 13H

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PNEUMATIC AND HYDRAULIC CONTROL SYSTEMS, VOL. 2. Tr. by P. Linnik. Mar 67, 236p.
Order from PP: $11.50

Trans. of Unidentified Russian mono., n.p., n.d.

H. Industrial processes

NCH-208 255 Field 13H, 13I, 11L

Solonitsyn, R. A.; Pavlovskaya, O. K.
INCREASING THE STRENGTH OF WIRES FOR HIGH-SPEED PAPER MAKING MACHINES (Uvelichenie Prochnosti Setok dlya Bystrokhodnykh

Bumagodelatelnykh Mashin). Dec 66, 5p. RTS-3685.
Order from NLL: 5s as RTS-3685

Trans. of Bumazhnaya Promyshlennost (USSR) n3 p7-8 1965.

NCH-208 334 Field 13H, 11F

Berens, L. W.; Feldhus, H. G.
THE INFLUENCE OF CHARGE AND SLAG ON THE LIFE OF THE REFRACTORY LINING IN THE INDUCTION FURNACE FOR MELTING IRON AND STEEL. 1967. BCIRA-1205.
Order from BCIRA as T-1205

Trans. of Giesserei (West Germany) v53 p30-8 Jan 66.

NCH-208 335 Field 13H, 13A

Hartmann, D.
BASIC PRINCIPLES OF CHARGING INDUCTION CRUCIBLE FURNACES. 1967. BCIRA-1206.
Order from BCIRA as T-1206

Trans. of Giesserei (West Germany) v53 p39-47 Jan 66.

NCH-208 423 Field 13H, 12A, 9A

Gavrilov, A. N.
AUTOMATION AND MECHANISATION OF PRODUCTION PROCESSES IN THE INSTRUMENT INDUSTRY. Tr. by L. Herdan. Feb 67, 704p.
Order from PP: $33.00

Trans. of Unidentified Russian mono., n.p., n.d.

NCH-208 464 Field 13H, 13J

Matsunaga, W.; Terai, K.; Yamada, S.
AN EXPAMLE OF REDUCTION IN WELDING MAN-HOURS DURING HULL CONSTRUCTION. 2: THE ADVANTAGES OF APPLYING "GRAVITY WELDING" IN THE ASSEMBLY STAGE. 16 Feb 67. BSRA-2536.
Order from BSRA: L5 as BSRA-2536

Trans. of Yosetsu Gakkaishi (Japan) v32 p770ff Sep 1963.

NCH-208 547 Field 13H

Dittmann, K.
SUPPLY POSSIBILITIES OF ELECTRODE MATERIALS FOR RESISTANCE WELDING PROCESSES. 17 Mar 67, 10p. TC-3292.
Order from TC: $7.50 as TC-3292

Trans. of Schweisstechnik (East Germany) v16 n3 p138-40 1966.

NCH-208 597 Field 13H

Ambos, E.
DIE CASTING GATING TECHNOLOGY. 1967, 19p. TC-3380.
Order from TC: $14.00 as TC-3380

Trans. of Freiberger Forschungshefte. Reihe B. Huettenwesenmetallurgie (West Germany) v105 p141-58 1966.

NCH-208 612 Field 13H, 11F

Saito, T.
BLOWHOLES IN ALUMINUM-KILLED NITROGEN-ALLOYED STEEL INGOTS AND WELDING-UP OF BLOWHOLES BY ROLLING. Mar 67, 350wds. HB-7106.
Order from HB: $3.00 as HB-7106

Trans. of Tetsu to Hagane (Japan) v52 n11 p60 1966. Lecture no. 161.

NCH-208 615 Field 13H, 11F

Kubo, K.
EFFECT OF THE TAP DEGASSING PROCESS ON THE DEGASSING OF STEEL FOR LARGE FORGINGS. Pt. 1 of "Effect of the State of Deoxidation of the Bath on Degassing". Mar 67, 600wds. HB-7134.
Order from HB: $3.40 as HB-7134

Trans. of Tetsu to Hagane (Japan) v52 n11 p29 1966. Lecture no. 76.

NCH-208 616 Field 13H

Hino, R.
STUDY OF PROCESS OF MANUFACTURE OF 13% Cr STAINLESS STEEL TUBE. Pt. 1 "Hot Workability". Mar 67, 400wds. HB-7107.
Order from HB: $3.20 as HB-7107

Trans. of Tetsu to Hagane (Japan) v52 n11 p76 1966. Lecture no. 190.

NCH-208 643 Field 13H, 11F

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TT-67-31489 Field 13H, 13A, 20K, 12-

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TT-67-31553 Field 13H, 11F

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TT-67-31604 Field 13H, 7A, 8I, 11F, 10B

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TT-67-31649 Field 13H, 13J, 20K, 14B

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TT-67-31653 Field 13H, 13I, 2C

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I. Machinery and tools

NCH-208 332 Field 13I, 11B

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TT-67-31584 Field 13I, 13J

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TT-67-31588 Field 13I, 13H

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TT-67-31589 Field 13I, 13F

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TT-67-31639 Field 13I, 13J

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NCH-208 656 Field 13J

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NCH-208 657 Field 13J

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NCH-208 660 Field 13J, 14B

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NCH-208 661 Field 13J

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NCH-208 662 Field 13J

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NCH-208 663 Field 13J, 20K

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TT-67-31469 Field 13J

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TT-67-31527 Field 13J

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31527

K. Pumps, filters, pipes, fittings, tubing and valves

TT-67-21075 Field 13K, 13A, 11F

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Order from CEGB as CE-Trans-4420

Trans. of Energetyka (Poland) v20 n1 p10-3 1966.

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TT-67-31447 Field 13M, 11G

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31447

Trans. of Bauplanung und Bautechnik (East Germany) v21 n2 p105-6, 111 1967 and Gospodarka Materialowa (Poland) n5 p167-71 1967.

TT-67-31551 Field 13M, 13I, 13C

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 80. 5 May 67, 29p. JPRS-40909.
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TT-67-31601 Field 13M, 5C, 2C

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TT-67-31609 Field 13M

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31609

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TT-67-31624 Field 13M, 13I, 5C

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31624

TT-67-31660 Field 13M, 5C, 11B, 2C

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 83. 15 May 67, 48p. JPRS-41018.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31600

TT-67-61544 Field 13M, 2E

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-51544

Trans. of Nauka i Tekhnika (Latvian SSR) n11 p46-7 1964.

TT-67-61631 Field 13M, 14B, 13C

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14 METHODS AND EQUIPMENT

B. Laboratories, test facilities, and test equipment

NCH-208 452 Field 14B, 20-

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Trans. of Komitet Standartov, Mer i Izmeritelnykh Priborov. Trudy Institutov Komiteta (USSR) v75 p93-133 1964.

NCH-208 563 Field 14B

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TT-67-51224 Field 14B, 7A, 6A

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TT-67-61660 Field 14B, 13H

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E. Reprography

NCH-208 541 Field 14E

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Order from TC: $7.50 as TC-3285

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NCH-208 564 Field 14E

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Order from TC: $6.00 as TC-3317

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NCH-208 565 Field 14E, 17B

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NCH-208 574 Field 14E

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TT-67-20020 Field 14E, 14B

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Order from ETC or SLA: $1.10 as TT-67-20020

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TT-67-61739 Field 14E

Zeitler, E.
TRANSMISSION THEORY IN PHOTOGRAPHY. AN INTRODUCTION (Die Uebertragungstheorie in der Photographie. Eine Einfluehrung). Tr. by Tatiana Boldyreff. 13 Mar 67, 14p. NMS-Trans-2006.
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TT-67-61796 Field 14E, 5J, 5D

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 567

This rept. is based almost exclusively on Chinese Communist press reports and translated Chinese materials.
Contract AF 49(638)-1237.

15 MILITARY SCIENCES

TT-67-31671 Field 15-

SOVIET MILITARY TRANSLATIONS NO. 381. 15 May 67, 42p. JPRS-41029.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31671

C. Defense

TT-67-31549 Field 15C, 15G, 15B

SOVIET MILITARY TRANSLATIONS NO. 379. 5 May 67, 15p. JPRS-40907.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31549

E. Logistics

TT-67-31600 Field 15E, 13F, 5C, 13H

EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 524. 9 May 67, 25p. JPRS-40958.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31600

TT-67-61802 Field 15E

REAR AND SUPPLY OF THE SOVIET ARMED FORCES, NO. 1, 1967. 10 Apr 67, 130p. J-1846; AD-651 636.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 636

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G. Operations, strategy, and tactics

TT-67-31419 Field 15G, 5D, 5I

SOUTH AND EAST ASIA: TRANSLATIONS NO. 152. 26 Apr 67, 14p. JPRS-40776.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-31419

TT-67-31421 Field 15G

Breyer, S.
SOVIET MILITARY TRANSLATIONS NO. 378.
27 Apr 67, 14p. JPRS-40778.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31421

Trans. of Armee Rundschau (East Germany) n2 p40-2 1967 and Soldat und Technik (West Germany) n1 p12-7 1967.

TT-67-31466 Field 15G, 5I, 5D, 5C

NORTH VIETNAM: TRANSLATIONS NO. 156.
1 May 67, 17p. JPRS-40823.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31466

TT-67-31667 Field 15G, 5I

NORTH VIETNAM: TRANSLATIONS NO. 167.
15 May 67, 37p. JPRS-41025.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31667

TT-67-61700 Field 15G, 5I, 15E, 17E

TECHNOLOGY AND ARMAMENT, NO. 12, 1966.
16 Mar 67, 133p. J-1667; AD-651 106.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-651 106

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For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

TT-67-61755 Field 15G, 5I, 15E

TECHNOLOGY AND ARMAMENT, NO. 11, 1966.
24 Feb 67, 122p. J-1383; AD-651 460.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-651 460

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For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

16 MISSILE TECHNOLOGY

No Entries

17 NAVIGATION, COMMUNICATIONS DETECTION AND COUNTERMEASURES

B. Communications

NCH-208 432 Field 17B, 17H

Skobeltsyn, D. V.
RADIO TELESCOPES. Nov 66, 174p.
Order from PLPC: $22.50

Trans. from Akademiya Nauk SSSR. Fizicheskii Institut. Trudy, v28 1965.

TT-67-31450 Field 17B

Tselikova, A.; Shygaeva, E.
USSR COMMUNICATIONS: TRANSLATIONS NO. 82.
1 May 67, 9p. JPRS-40807.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-31450

Trans. of Pravda, Moscow (USSR) 26 Mar p3 1967 and Byulleten Stroitelnoi Tekhniki (USSR) n2 p14 1967.

TT-67-31669 Field 17B, 13F, 5K

CUBA: TRANSLATIONS NO. 582. 15 May 67, 50p.
JPRS-41027.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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TT-67-61672 Field 17B, 9E

Barkan, V. F.; Zhdanov, V. K.
DESIGN OF RADIO ENGINEERING INSTRUMENTS.
25 Jan 67, 652p, 29refs. FTD-HT-66-265;
AD-651 074.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-651 074

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TT-67-61786 Field 17B

Durham, F. G.
RADIO AND TELEVISION IN THE SOVIET UNION.
Jun 65, 131p. C/64-10; AFOSR-67-0955;
AD-651 556.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-651 556

Rept. based on recent research on mass communications media in the Soviet Union.
Contract AF 49(638)-1237

TT-67-61787 Field 17B

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RADIO BROADCASTING IN COMMUNIST CHINA.
Jun 64, 111p, refs. C/64-8; AFOSR-67-0953;
AD-651 557.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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Contract AF 49(638)-1237.

TT-67-61789 Field 17B

Durham, F. G.
AMATEUR RADIO OPERATION IN THE SOVIET UNION. Jun 65, 76p. C/64-10A; AFOSR-67-0956;
AD-651 559.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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Contract AF 49(638)-1237

TT-67-61794 Field 17B, 15G

Whaley, B.
GUERRILLA COMMUNICATIONS. Mar 67, 243p.
C/67-4; AFOSR-67-0966; AD-651 565.

Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-651 565

Contract AF 49(638) -1237

TT-67-61797 Field 17B

Durham, F. G.
NEWS BROADCASTING ON SOVIET RADIO AND TELEVISION. Jun 65, 70p, 29refs. C/64-10b; AFOSR-67-0957; AD-651 568.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-651 568

Contract AF 49(638)-1237.

G. Navigation and guidance

TT-67-31673 Field 17G

Hugon, P.
FRENCH EXPERT OUTLINES DEVELOPMENT AND NATURE OF INERTIAL NAVIGATION. 15 May 67, 21p. JPRS-41031.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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TT-67-61687 Field 17G

Senilov, G. N.
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I. Radar detection

TT-67-61671 Field 17I

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Order from CFSTI or ETC: HC$3.00, MF$0.65
as AD-651 073

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18 NUCLEAR SCIENCE AND TECHNOLOGY

G. Radioactive wastes and fission products

TT-67-61685 Field 18G, 5B

Thal, M. F.; Chevalier, G.
EMISSION, PROPERTIES AND TRAPPING OF RADIOACTIVE IODINES IN GASEOUS WASTE (Degagement Proprieties et Piegeage des Iodes Radioactifs dans les Effluents Gazeux). 1967, 75p. JPRS-R-7096-D.
Order from CFSTI or ETC: HC$3.00, MF$0.65
as TT-67-61685

Trans. of Commissariat a l'Energie Atomique. Bibliography (France) n64 Jun 65.

19 ORDNANCE

A. Ammunition, explosives, and pyrotechnics

TT-67-61776 Field 19A, 20M

Poeschl, H.; Seidel, H.
NEW TEST PROCEDURES FOR DETERMINING SENSITIVITY TO FRICTION, IMPACT AND HEAT. Tr. by R. F. Brinkley. Mar 67, 8p, 11refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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Trans. of Chemische Technik (East Germany) v18 n9 p565-7 1966.

D. Explosions, ballistics, and armor

TT-67-61780 Field 19D, 19A

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A METHOD FOR DETERMINING THE INITIATING POWER OF BOOSTERS. Tr. by R. F. Brinkley. Mar 67, 9p, 11refs.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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Trans. of Explosivstoffe (West Germany) v12 p200-3 1964.

20 PHYSICS

TT-67-31473 Field 20-, 12A

USSR SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 101. 1 May 67, 150p. JPRS-40830.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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TT-67-31576 Field 20-, 12A

USSR SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 102. 8 May 67, 144p. JPRS-40934.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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TT-67-31608 Field 20-, 12A

USSR SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 103. 10 May 67, 161p. JPRS-40966.
Order from CFSTI or ETC: HC$3.00, MF$0.65
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A. Acoustics

NCH-208 745 Field 20A

Sugi, C.
ANALYSIS AND DESIGN OF THE CATENOIDAL SOLID HORN. 1967, 14p. ATS-96U99J.
Order from ATS: $19.75 as ATS-96U99J

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TT-67-31408 Field 20A, 8J

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For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

B. Crystallography

NCH-208 550 Field 20B, 7B

Natta, G.
POLYMORPHISM OF CRYSTALLINE TITANIUM TRICHLORIDE. 17 Mar 67, 13p. TC-3300.
Order from TC: $9.50 as TC-3300

Trans. of Accademia Nazionale dei Lincei. Classe di Scienze Fisiche, Matematiche e Naturali. Rendiconti (Italy) v24 p121-9 1958.

NCH-208 794 Field 20B, 7D, 20F

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DEFORMATION OF SINGLE CRYSTALLITES IN A COMPOSITION STRUCTURE: A CONTRIBUTION TO X-RAY DETERMINATION OF STRESS (Verformung der Einzelkristallite im Kristallverband. Ein Beitrag zur Roentgenographischen Spannungsmessung). Dec 66, 4p (foreign text included) refs. INC-Trans-66/335.
Order from NLL

Trans. of das Metall (West Germany) v20 p1037-40 1966.

C. Electricity and magnetism

NCH-208 402 Field 20C, 10B, 20M, 20F, 7B

Fomenko, V. S.
HANDBOOK OF THERMIONIC PROPERTIES: ELECTRONIC WORK FUNCTIONS AND RICHARDSON CONSTANTS OF ELEMENTS AND COMPOUNDS. 1966, 151p.
Order from PLPC: $12.50

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TT-67-61607 Field 20C

Haubenreisser, W.
NONLINEAR SPIN WAVE EFFECTS IN FERRITES IN THE PARALLEL PUMPING EXPERIMENT (Nichtlineare Spinwelleneffekte beim Parallelpumpexperiment in Ferriten). Tr. by James D. B. O'Toole and Stuart W. Kellogg. Jun 66, 28p, 35refs. AmMetSoc-T-G-257.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61607

Trans. of Zeitschrift fuer Angewandte Physik (West Germany) v18 n5/6 p432-40 1965.

D. Fluid mechanics

NCH-208 418 Field 20D, 13I, 21E

Betz, A.
INTRODUCTION TO THE THEORY OF FLOW MACHINES. Tr. by D. G. Randall. Nov 66, 296p.
Order from PP: $11.50

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Order from PP: $21.50

NCH-208 746 Field 20D, 18B, 13K

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Order from ATS: $27.75 as ATS-90U99F

Trans. of la Houille Blanche (France) n6 p699-711 1966.

NCH-208 750 Field 20D, 20M

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TT-67-61675 Field 20D

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Order from CFSTI or ETC: HC$3.00, MF$0.65

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Unedited rough draft trans. of Akademiya Nauk SSSR. Izvestiya. Mekhanika i Mashinostroenie, n1 p104-4 1964.

F. Optics

NCH-208 411 Field 20F

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PHYSICAL OPTICS. Nov 66, 270p.
Order from PLPC: $27.50

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NCH-208 683 Field 20F, 20N, 12A

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Vol. 1 of Topics in Mathematical Physics.
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Order from PLPC: $15.00

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TT-67-21016 Field 20F

Gershun, A. A.
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Order from ETC, DTC or SLA: $2.60
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Trans. of Akademiya Nauk SSSR. Otdelenie Matematicheskikh i Estestvennykh Nauk. Izvestiya, p417-30 1936.

H. Particle physics

TT-67-20743 Field 20H, 20I

Bejsovec, V.
ATOMIC HYDROGEN PRODUCTION IN ELECTRICAL DISCHARGE. CSIRO-Trans-7934.
Order from CSIRO as CSIRO-Trans-7934

Trans. of Jaderna Energie (Czechoslovakia) v10 n5 p164-8 1964.

J. Quantum theory

NCH-208 410 Field 20J, 7D, 20C

Tyablikov, S. V.
METHODS IN THE QUANTUM THEORY OF MAGNETISM. Tr. by Albin Tybulewicz. Jan 67, 340p.
Order from PLPC: $13.50

Trans. of Unidentified Russian language mono., n.p., n.d.

K. Solid mechanics

NCH-208 055 Field 20K

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Order from NLL: 22s 6d as RTS-3408

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NCH-208 420 Field 20K, 11B, 13M

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SOME PROBLEMS IN THE THEORY OF CREEP.
Tr. by H. E. Nowottny. Aug 66, 308p.
Order from PP: $12.50

Trans. of Unidentified Russian mono., n.p., n.d.

NCH-208 422 Field 20K, 13I, 20D

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STRENGTH OF MATERIALS. Tr. by J. K. Lusher. Jul 67, 320p.
Order from PP: $12.50

Trans. of Unidentified Russian mono., n.p., n.d.

NCH-208 542 Field 20K

Movchan, A. A.
THE STABILITY OF PROCESSES OF DEFORMATION OF CONTINUOUS BODIES (Ob Ustoichivosti Protsessov Deformirovaniya Sploshnykh Tel). Dec 66, 36p, 9refs. RTS-3592.
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NCH-208 821 Field 20K, 13I, 8G

Peter, H.
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Order from NLL

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NCH-208 824 Field 20K, 11F, 11K, 13I

Runolinna, U.
WEAR STUDIES ON VARIOUS TYPES OF GRINDING BALLS AND ORES (Verschleibuntersuchungen mit Verschiedenen Kugelarten und Erzen). Dec 66, 12p (foreign text included) refs. INC-Trans-66/368.
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TT-67-60409 Field 20K

Viner, I. Ya.
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TT-67-61674 Field 20K

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Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 084

Edited machine trans. of Tsentralnyi Aerogidrodinamicheskii Institut. Trudy (USSR) v705 35p 1957.

L. Solid-state physics

NCH-208 426 Field 20L, 20M, 11F, 11G

Nasledov, D. N.; Goryunova, N. A.
SOVIET RESEARCH IN NEW SEMICONDUCTOR MATERIALS. Tr. by Albin Tybulewicz. 1965, 121p.
Order from PLPC: $20.00

Trans. of mono. Issledovaniya po Poluprovodnikam: Novye Poluprovodnkovye Materialy, Kishinev, 1964 175p.

NCH-208 427 Field 20L, 20C, 20M

Ryvkin, S. M.
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Order from PLPC: $22.50

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NCH-208 428 Field 20L, 11F, 11G, 20M

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REFRACTORY SEMICONDUCTOR MATERIALS. Tr. by Albin Tybulewicz. 1966, 93p.
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Order from PLPC: $17.50

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NCH-208 740 Field 20L

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Order from ATS: $11.95 as ATS-22U99J

Trans. of Nihon Kinzoku Gakkaishi (Japan) v30 n2 p139-45 1966.

NCH-208 741 Field 20L

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STUDIES OF HARD SUPERCONDUCTORS. PT. 1. SUPERCONDUCTINT PROPERTIES OF Nb-Zr-Ti TERNARY ALLOYS. 1967, 10p. ATS-21U99J.
Order from ATS: $14.75 as ATS-21U99J

Trans. of Nihon Kinzoku Gakkaishi (Japan) v30 n2 p133-8 1966.

NCH-208 751 Field 20L, 7C, 9E

Dulov, A. A.
ELECTRONIC PROPERTIES AND STRUCTURE OF POLYMERIC ORGANIC SEMICONDUCTORS. 1967, 31p. ATS-45U99R.
Order from ATS: $39.85 as ATS-45U99R

Trans. of Uspekhi Khimii (USSR) v35 n10 p1853-82 1966.
For another listing of this journal see "Translated or Abstracted Publication," in TT Vol. 17, No. 10.

M. Thermodynamics

NCH-208 405 Field 20M, 7D

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THERMODYNAMICS AND KINETICS OF ELECTRODE PROCESSES. Vol. 4 of Electrochemistry of Molten and Solid Electrolytes. Mar 67, 165p.
Order from PLPC: $19.50

Trans. of Akademiya Nauk SSSR. Institut Elektrokhimii, Sverdlovsk. Trudy, n7 1965.

NCH-208 629 Field 20M, 8G

Sawamura, K.
KINETICS OF THERMAL DECOMPOSTION OF LIMESTONE. Mar 67, 400wds. HB-7132.
Order from HB: $3.00 as HB-7132

Trans. of Tetsu to Hagane (Japan) v52 n11 p19 1966. Lecture no. 47.

TT-67-61680 Field 20M, 20D

JOURNAL OF ENGINEERING PHYSICS, VOL. 7, NO. 9, 1964: SELECTED ARTICLES. 17 Mar 67, 67p, refs. FTD-MT-65-329; AD-651 090.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as AD-651 090

Edited machine trans. of Inzhenerno-Fizicheskii Zhurnal (USSR) v7 n9 p25-9 38-43, 64-77, 83-91, 102-7 1964.
For another listing of this journal see "Translated or Abstracted Publications," in TT Vol. 17, No. 10.

TT-67-61777 Field 20M, 7A, 15B

Krinkin, D. P.; Rudkovskii, D. M.
PREVENTING THE DEPOSITION OF METALLIC COBALT ON WALLS DURING THERMAL DECOMPOSITION OF COBALT CARBONYLS. 1967, 5p, 9refs. BM-Trans-3221.
Order from CFSTI or ETC: HC$3.00, MF$0.65 as TT-67-61777

Trans. of Khimicheskaya Promyshlennost (USSR) n12 p901-3 1966.

21 PROPULSION AND FUELS

D. Fuels

NCH-208 586 Field 21D, 21B

Klamann, D.; Fischer, N.
INFLUENCE OF FUEL COMPONENTS AND ADDITIVES ON THE TENDENCY OF CARBURETOR ENGINES KNOCK. 1967, 50p. TC-3327.
Order from TC: $28.00 as TC-3327

Trans. of Chemie Ingenieur Technik (West Germany) v38 p925-40 1966.

NCH-208 772 Field 21D, 11F, 7B

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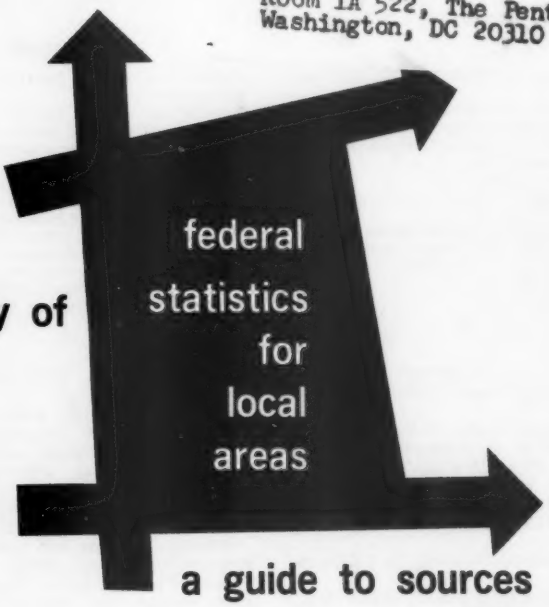

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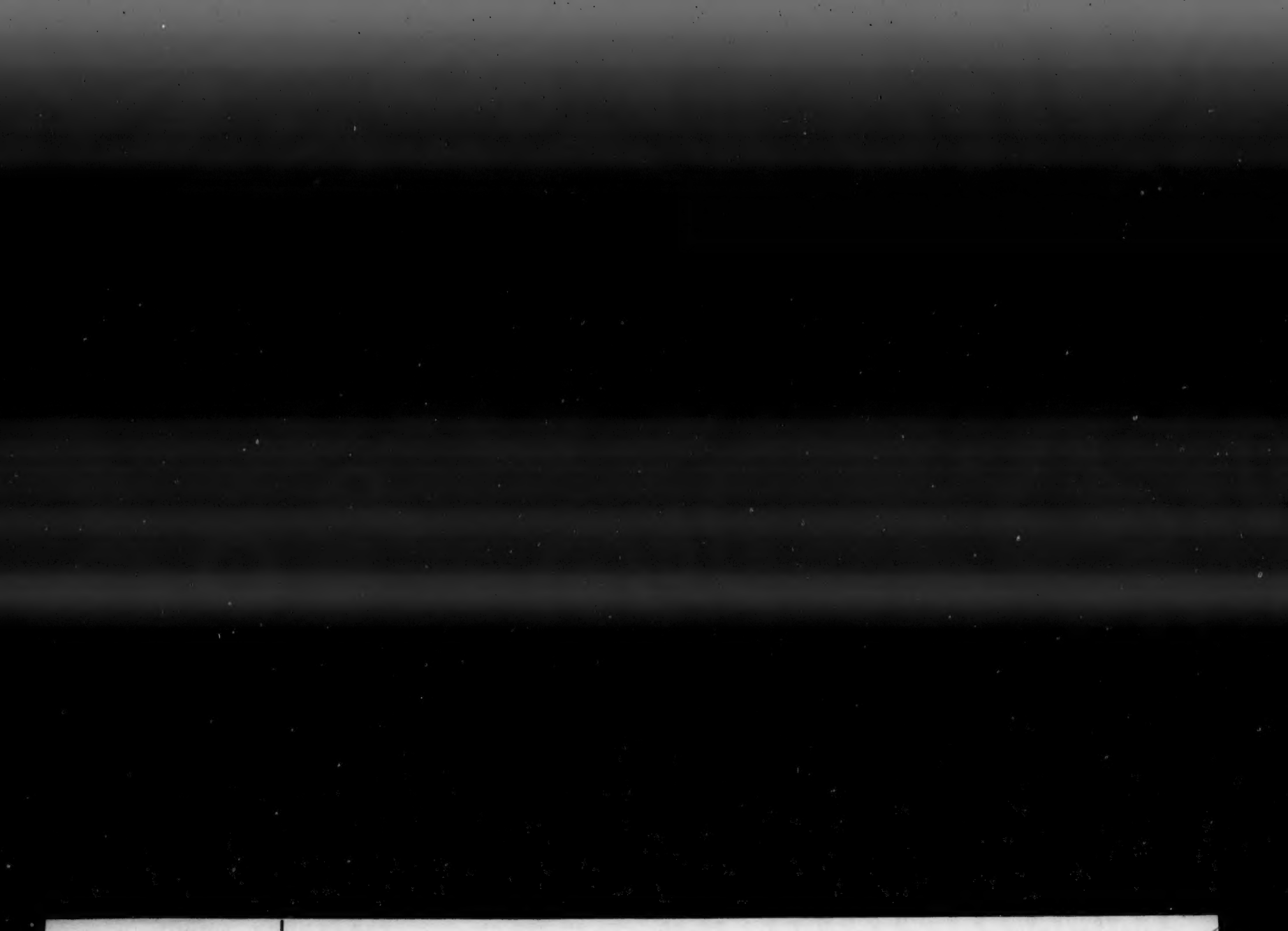
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